



ACCESS TO HEALTH CARE

Island County Community Health Planning
2015 Community Health Assessment

OTHER DATA SOURCES



Access to Medical Care

Question	Rank	%
Quality of a Healthy Community	#1	51%
Access for all residents	Sub-Themes	
Quality Care		
Affordability		
Most Common Daily Challenge for Respondents and Family	#8	12%
Respondents with low incomes	#2	30%
Health Priority for Island County	#3	20%



Theme 1: Improved communication about the availability of health-related services will improve access to care for many.

Theme 2: Limited availability of health care providers is a barrier to care.

Theme 3: Medical and dental care cost, even with insurance, is a barrier to care.

Theme 4: Increased services for an aging population are needed.

Theme 5: Service coordination between providers will improve care for low-income individuals.

Theme 6: More open communication about health care needs for LGBT individuals is needed.

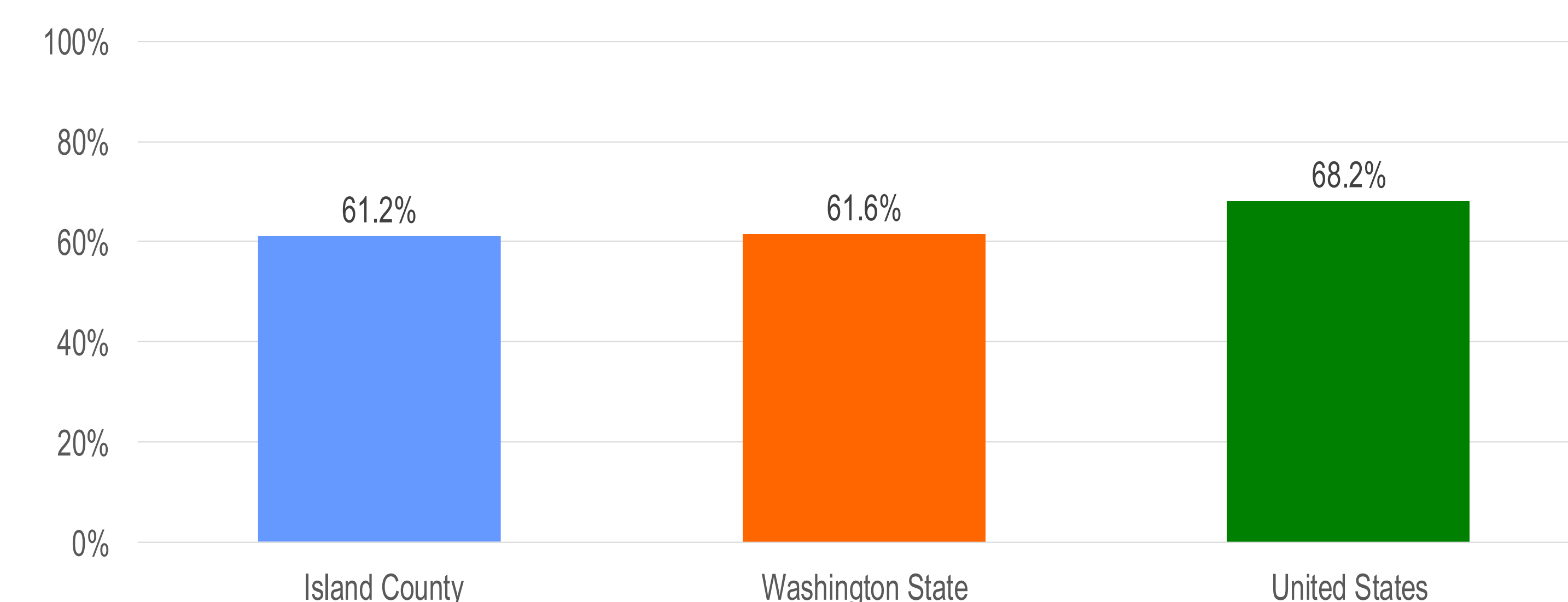


Island County Respondents

- 9% had no health insurance coverage.
- 60% reported having medical or dental-related debt.
- 30% receive their usual medical care through a hospital emergency room. This is twice the percentage of Whatcom respondents (14%) and three times greater than San Juan respondents (9%).
- 44% said in the past 12 months they needed medical, dental or mental health care but did not get it. Cost was reported as the most significant barrier.
- Of those respondents with children, 42% reported their children receiving adequate medical care.
- 70% said affordable dental care was extremely important to their family. 36% reported dental care as "very hard to get". 60% reported affordable medical care as extremely important, with only 16% reporting it as "very hard to get".

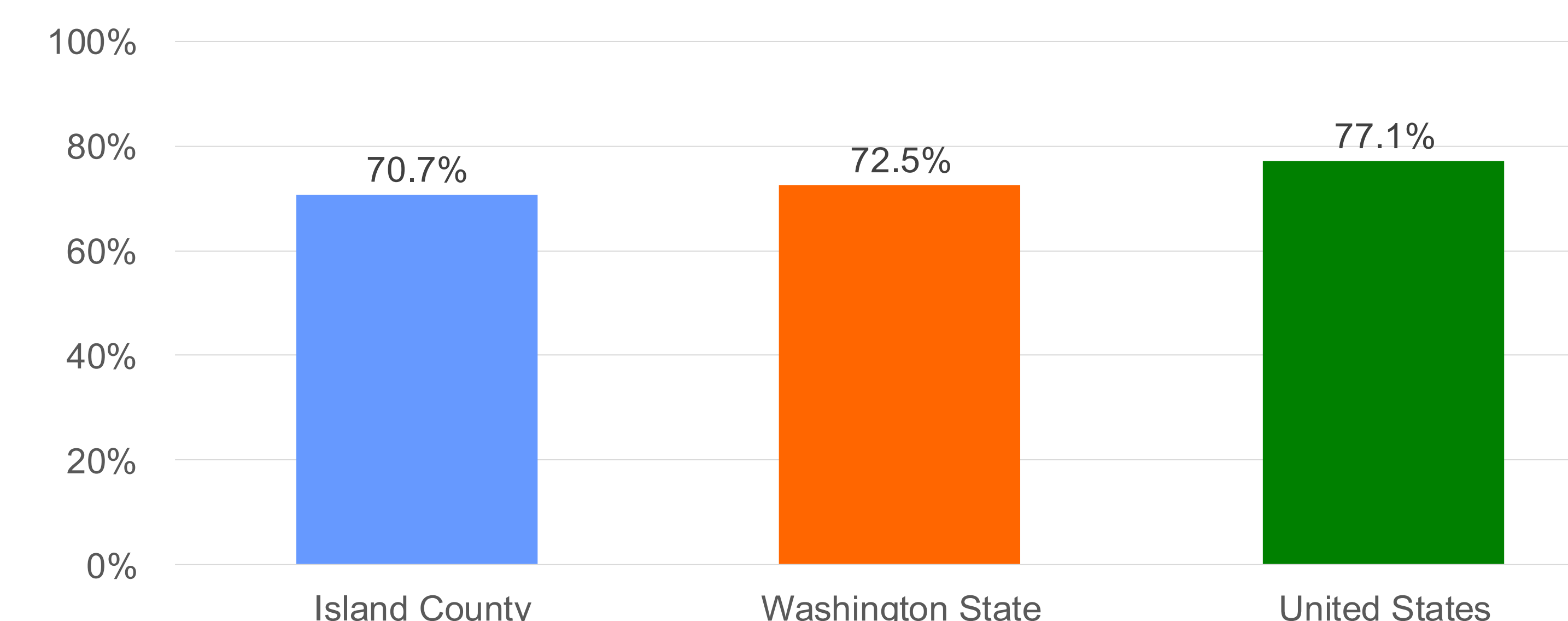
HEALTH INDICATOR DATA

Adults With A Routine Medical Check-Up In the Past Year



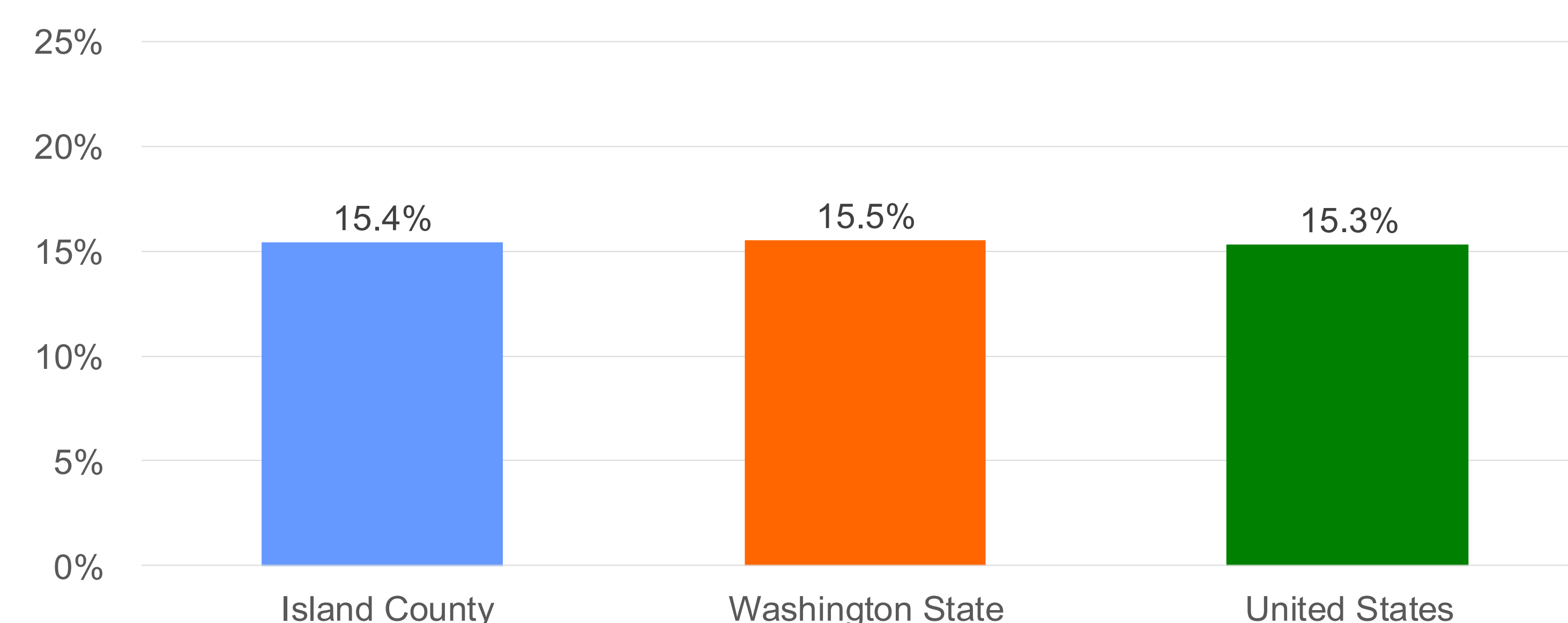
Question: About how long has it been since you last visited a doctor for a routine checkup? A routine checkup is a general physical exam, not an exam for a specific injury, illness, or condition. Source: Behavioral Risk Factor Surveillance Survey, Centers for Disease Control and Prevention, 2011-2013.

Adults with a Personal Physician or Health Care Provider



Question: Do you have one person you think of as your personal doctor or health care provider? Source: Behavioral Risk Factor Surveillance Survey, Centers for Disease Control and Prevention, 2011-2013.

Adults Who Did Not Go to Doctor Because of Cost



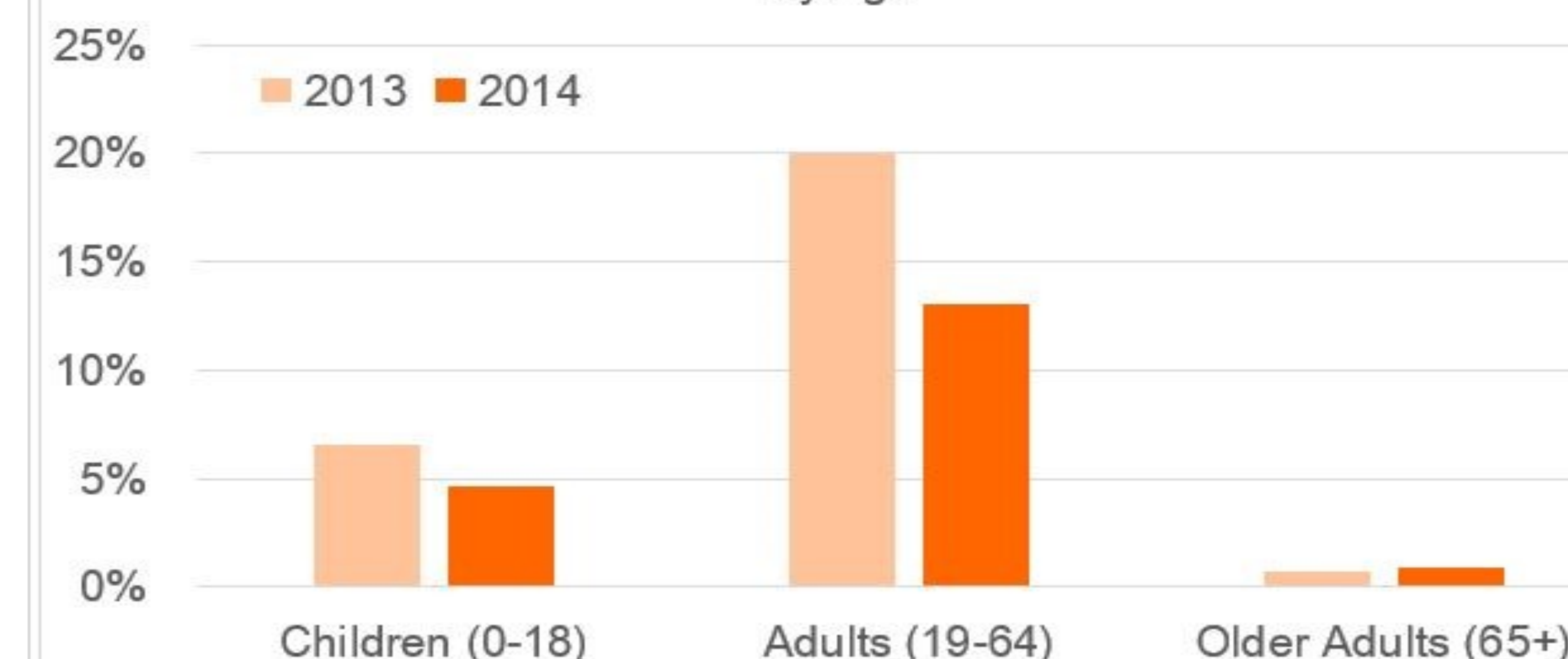
Question: Was there a time in the past 12 months when you needed to see a doctor but could not because of cost? Source: Behavioral Risk Factor Surveillance Survey, Centers for Disease Control and Prevention, 2011-2013.

Total Uninsured Population (2014)*



*Total Population includes all civilian, non-institutionalized residents of Island County. Note large error bars for Island County estimates. Only 1-year estimates available post implementation of the Affordable Care Act. Source: U.S. Census Bureau, 2014 American Community Survey 1-Year Estimates

Washington State Uninsured By Age



Source: Yen, W. 2015. Uninsured Rate Changes in Washington State's Population Groups, 2013-2014. Washington State Office of Financial Management Health Care Research Center, Research Brief No 074.



HOUSING

OTHER DATA SOURCES



Affordable Housing

Question	Rank	%
Quality of a Healthy Community	#13	6%
Most Common Daily Challenge for Respondents and Family	#13	8%
Respondents age 14-44 years	#3	26%
Respondents with low income	#1	32%
Respondents with children age 13-18 years	#3	26%
Health Priority for Island County	#5	19%
Respondents with low income	#2	27%



33% of Island County respondents reported having to choose between paying rent and other basic needs.

10% reported being homeless for more than a week in the past year.



Theme 1: Lack of affordable housing impacts the provision and effectiveness of many other community services.

Theme 2: Emergency shelter and supportive housing units are very needed. Community organizations and groups do not feel able to meet the existing (and projected) need.

Theme 3: The projected rise in military personnel, and resulting impact on housing availability and cost, is a significant concern.

Theme 4: A lack of community support and leadership for addressing



Island County Economic Viability Dashboard

Housing Score = 42 (poor)
Job Opportunities = 45 (poor)
Community Resources = 60 (good)

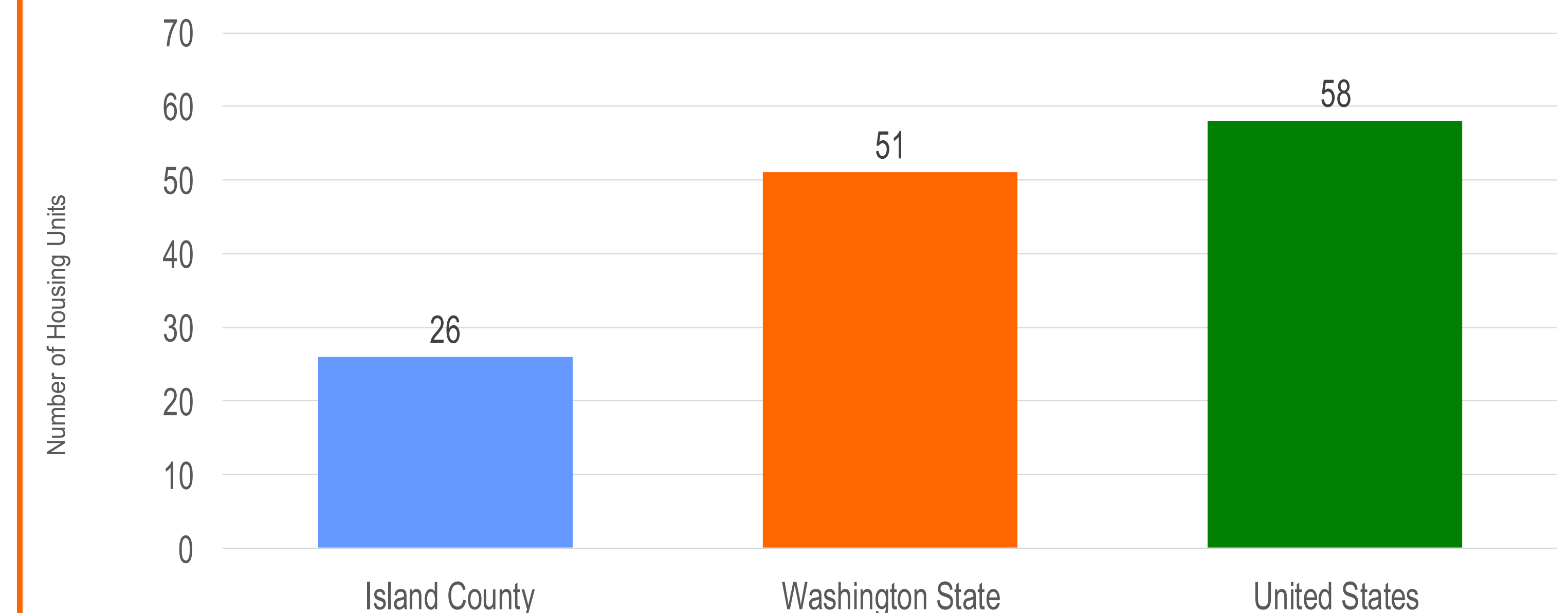
Island County Household Survival Budget*

	Single Adult	2 Adults, 1 Infant, 1 Preschooler
Housing	\$552	\$875
Child Care	\$-	\$1,352
Food	\$191	\$579
Transportation	\$350	\$700
Health Care	\$119	\$474
Miscellaneous	\$136	\$425
Taxes	\$145	\$269
Monthly Total	\$1,493	\$4,674
ANNUAL TOTAL	\$17,916 (156% FPL)	\$56,088 (238% FPL)
Hourly Wage	\$8.96	\$28.04

*Bare-minimum budget that does not allow for any savings. FPL = Federal Poverty Line

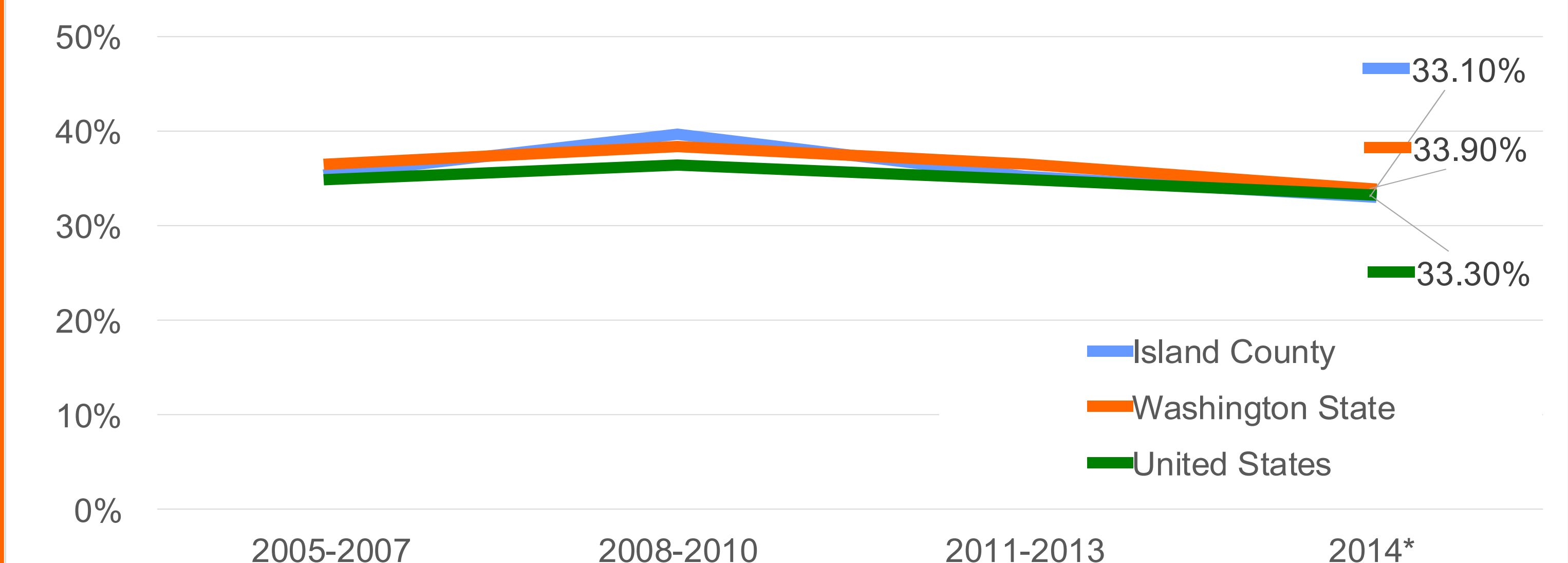
HEALTH INDICATOR DATA

Affordable and Available Housing Units Per 100 households with ≤ 50% median family income



Source: Washington State Department of Commerce, Washington State Housing Needs Assessment - 2015. Data from 2011. Available at <http://www.commerce.wa.gov/housingneeds>. United States data: National Low Income Housing Coalition, Housing Spotlight, Vol 3, Is 2, February 2013. Available at http://nhihc.org/sites/default/files/HS_3-1.pdf

Households spending >30% of income on housing



Source: American Community Survey, 3-year estimates. B25106: Tenure by housing costs as a percentage of household income, 2005-2014. Available at www.factfinder.gov



IMMUNIZATIONS

Island County Community Health Planning
2015 Community Health Assessment

OTHER DATA SOURCES

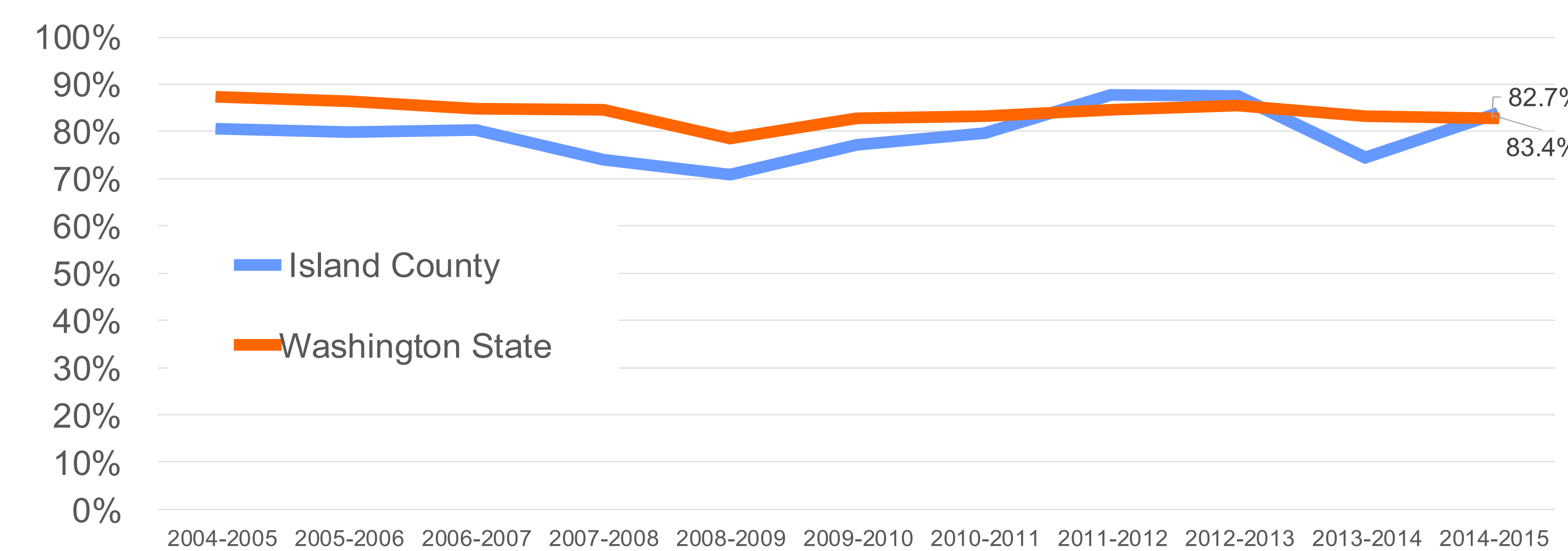
HEALTH INDICATOR DATA



Immunizations

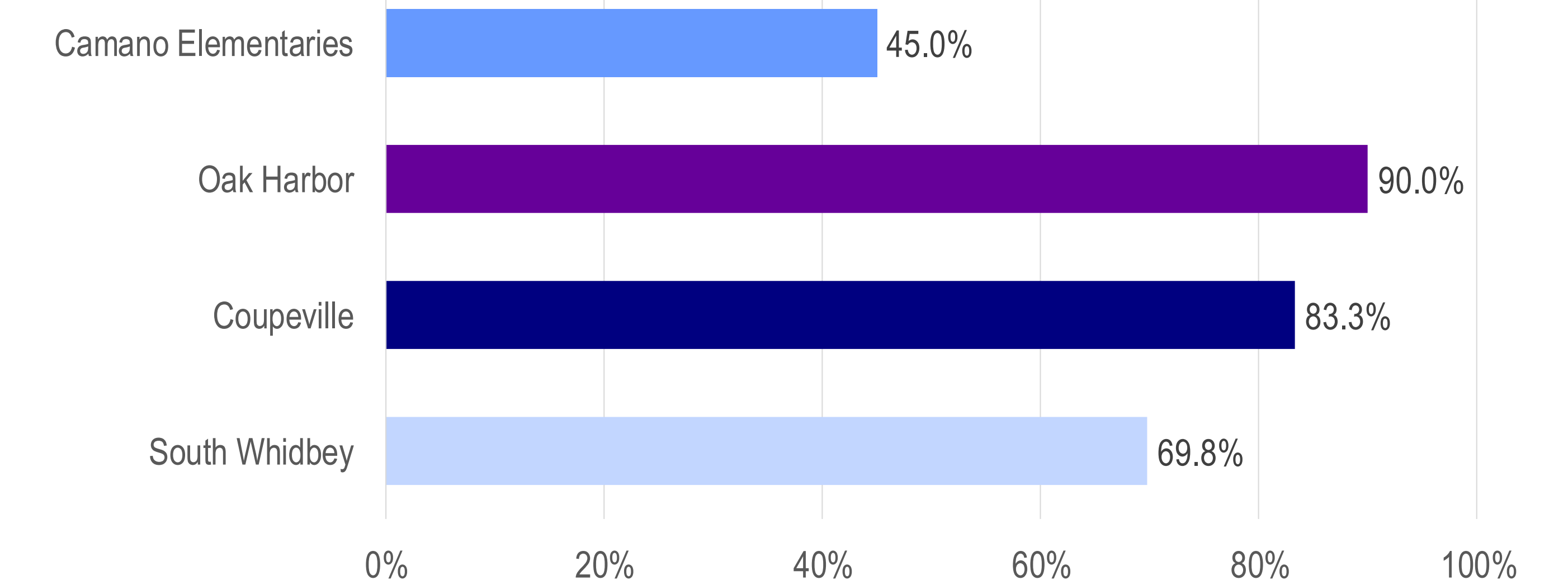
Question	Rank	%
Quality of a Healthy Community	n/a	1.7
Most Common Daily Challenge for Respondents and Family	n/a	n/a
Health Priority for Island County	n/a	n/a

Kindergarteners with Completed Immunizations



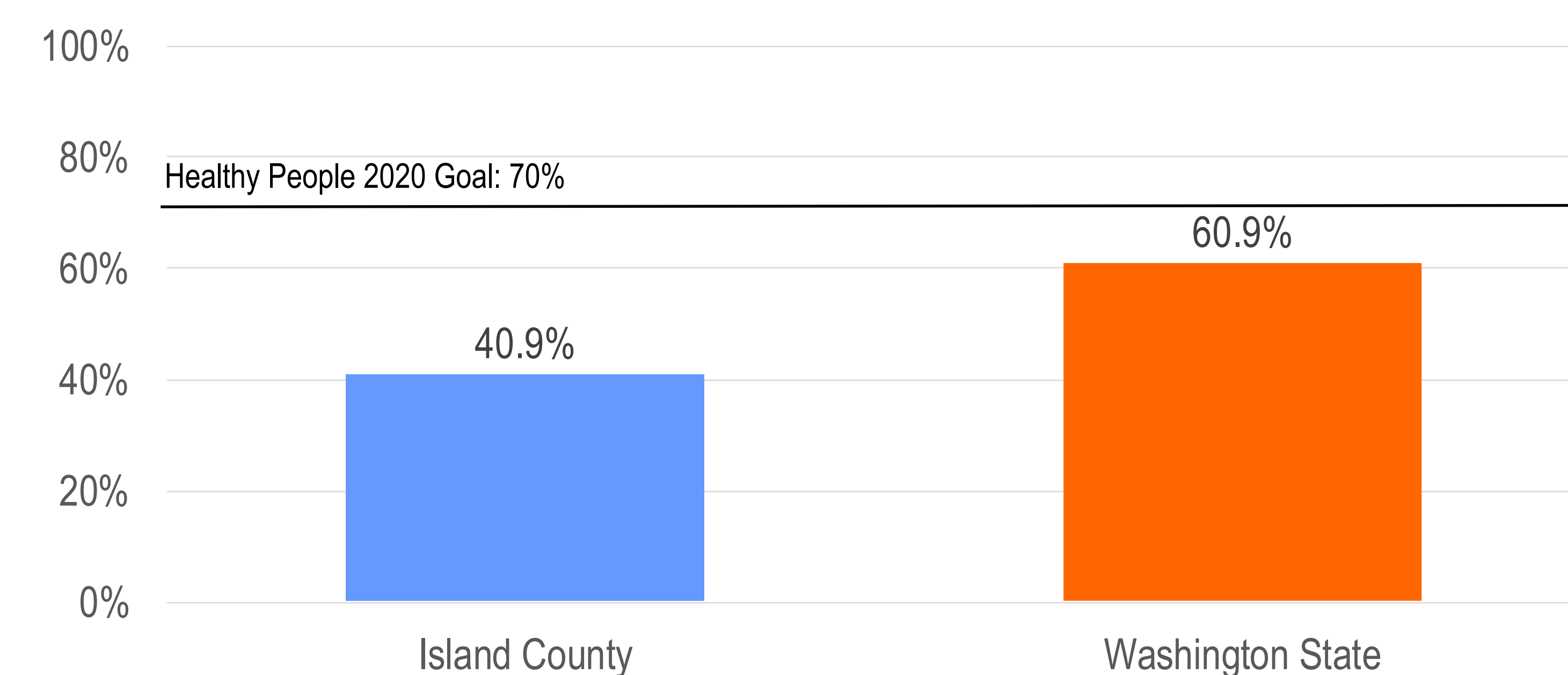
Source: Washington State Department of Health, Immunization and Child Profile. <http://www.doh.wa.gov/DataandStatisticalReports/HealthBehaviors/Immunization/SchoolReports/DataTables>

Kindergarten Immunization Completion by School District



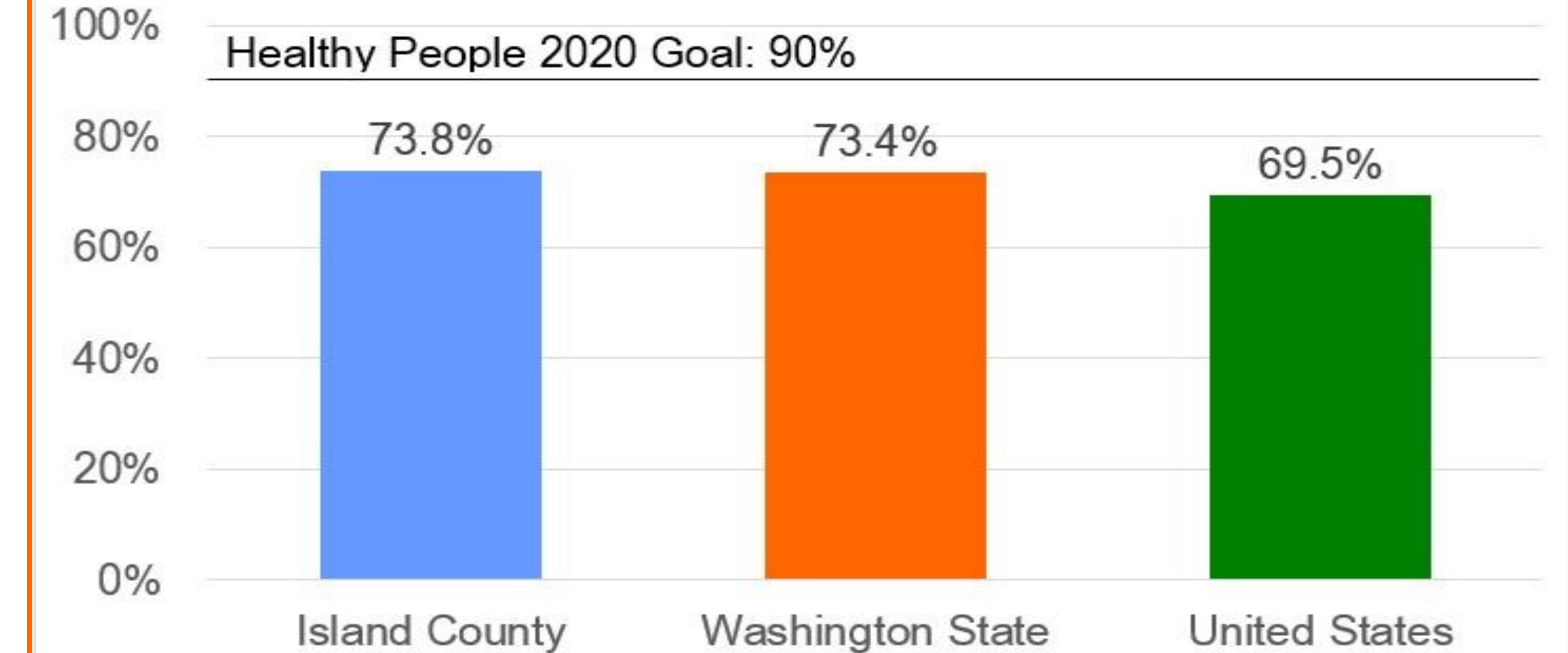
Source: Washington State Department of Health, Child Profile, 2013-2014.

Adults Immunized for the Flu



Source: Behavioral Risk Factor Surveillance Survey, Centers for Disease Control and Prevention, 2011-2013.

Older Adults Immunized for Pneumonia



Source: Behavioral Risk Factor Surveillance Survey, Centers for Disease Control and Prevention, 2011-2013.



UNINTENTIONAL INJURY

Island County Community Health Planning
2015 Community Health Assessment

OTHER DATA SOURCES

HEALTH INDICATOR DATA



Injury Prevention

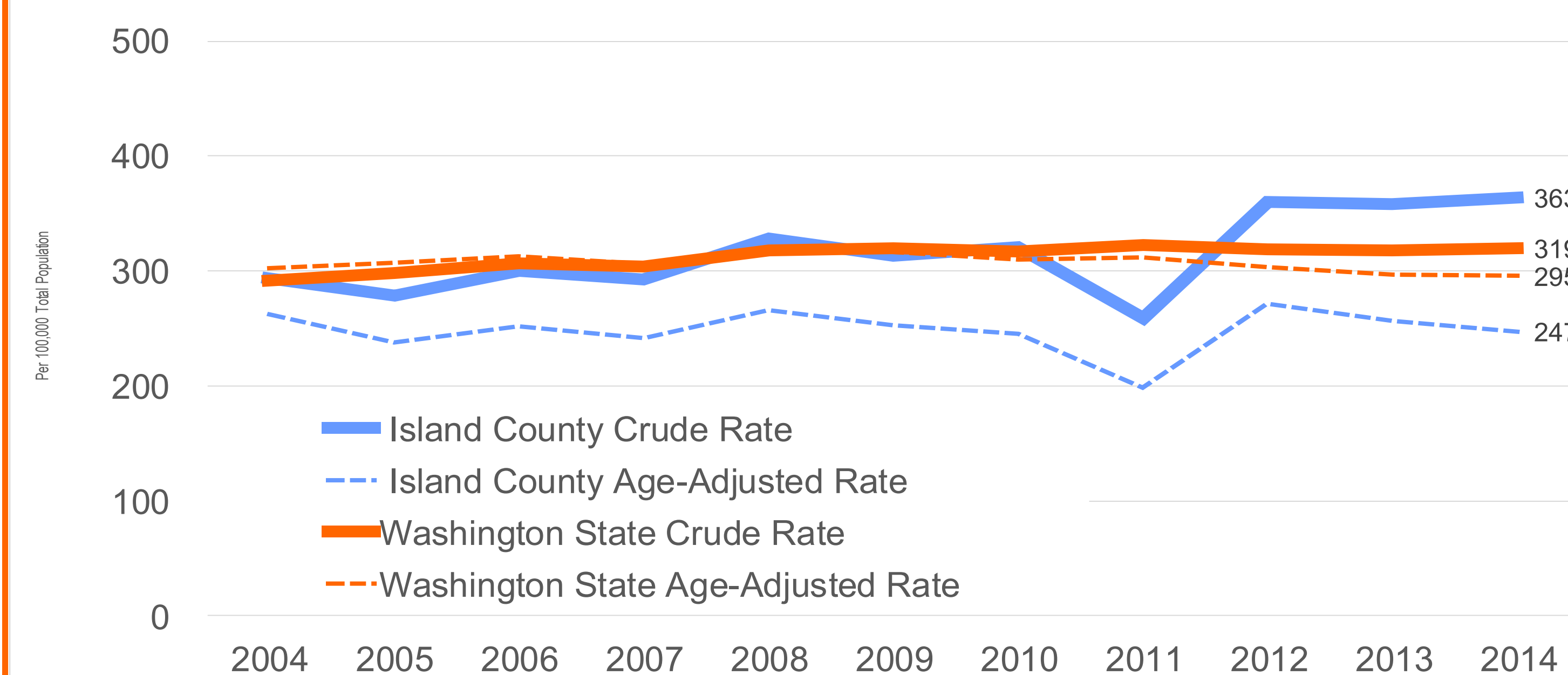
Question	Rank	%
Quality of a Healthy Community	n/a	n/a
Most Common Daily Challenge for Respondents and Family	n/a	n/a
Health Priority for Island County	#26	3%

* However, 33% of respondents age 75+ years reported in a different question that fall and injury risk was a top health challenge faced by older adults.



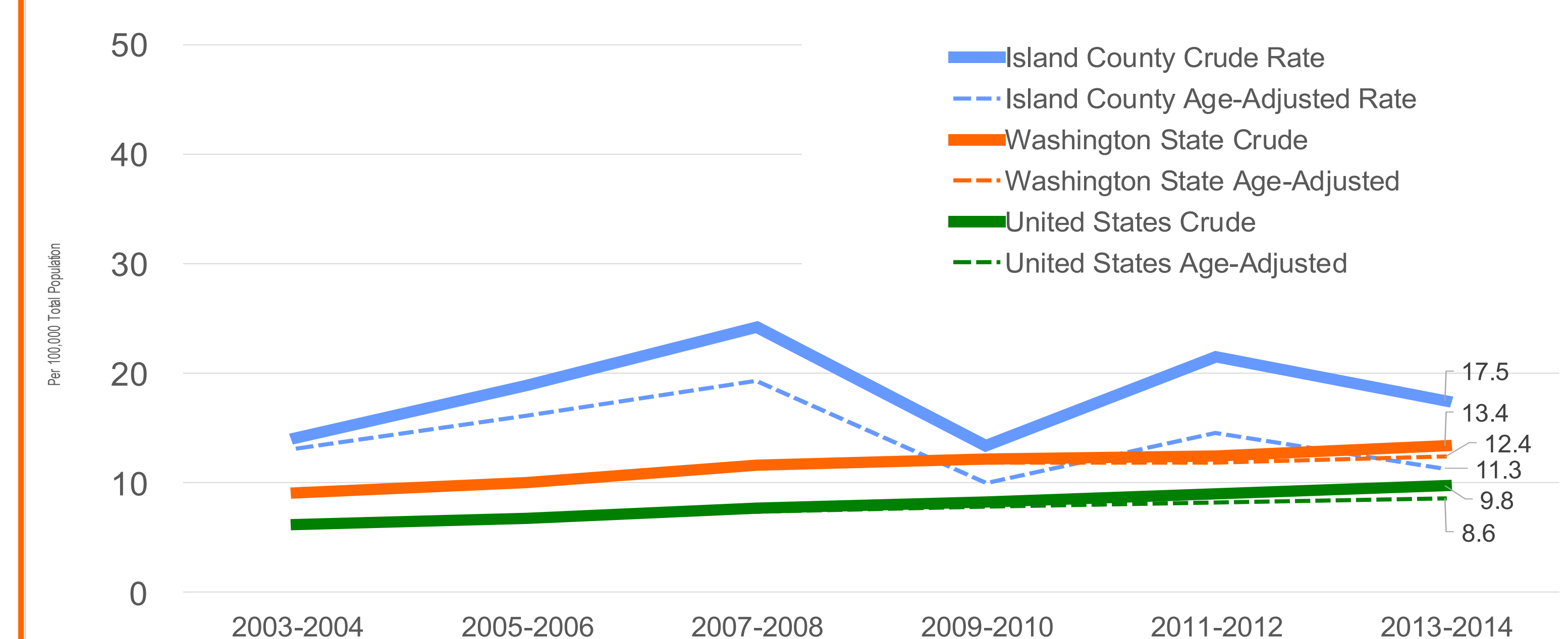
Theme 1: An aging population will demand greater “aging in place” services to support their safety while remaining at home.

Fall-Related Hospitalization Rate*



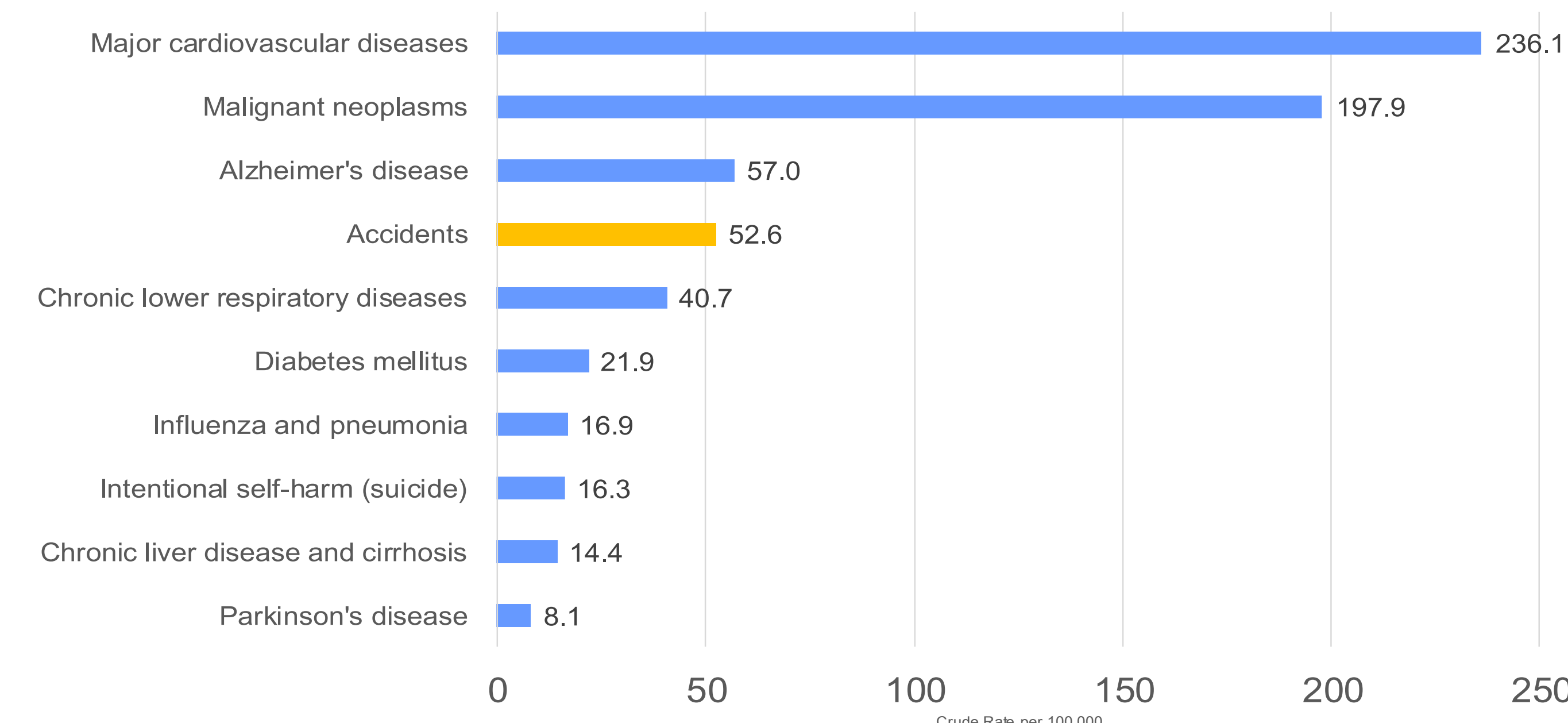
*Rate = Per 100,000 Total Population; Crude Rate is defined as the number of hospitalizations occurring among the population during a given year, per 100,000 total population. Age-Adjusted Rate is an adjusted rate that weights the crude rate of a population to the U.S. 2000 Standard Population. It is a statistical tool to compare between groups with different age distributions. Source: WA Hospital Discharge Data, Comprehensive Hospitalization Abstract Reporting System (CHARS) 1987-2014, Washington State Department of Health, Center for Health Statistics, August 2015.

Fall-Related Death Rate*



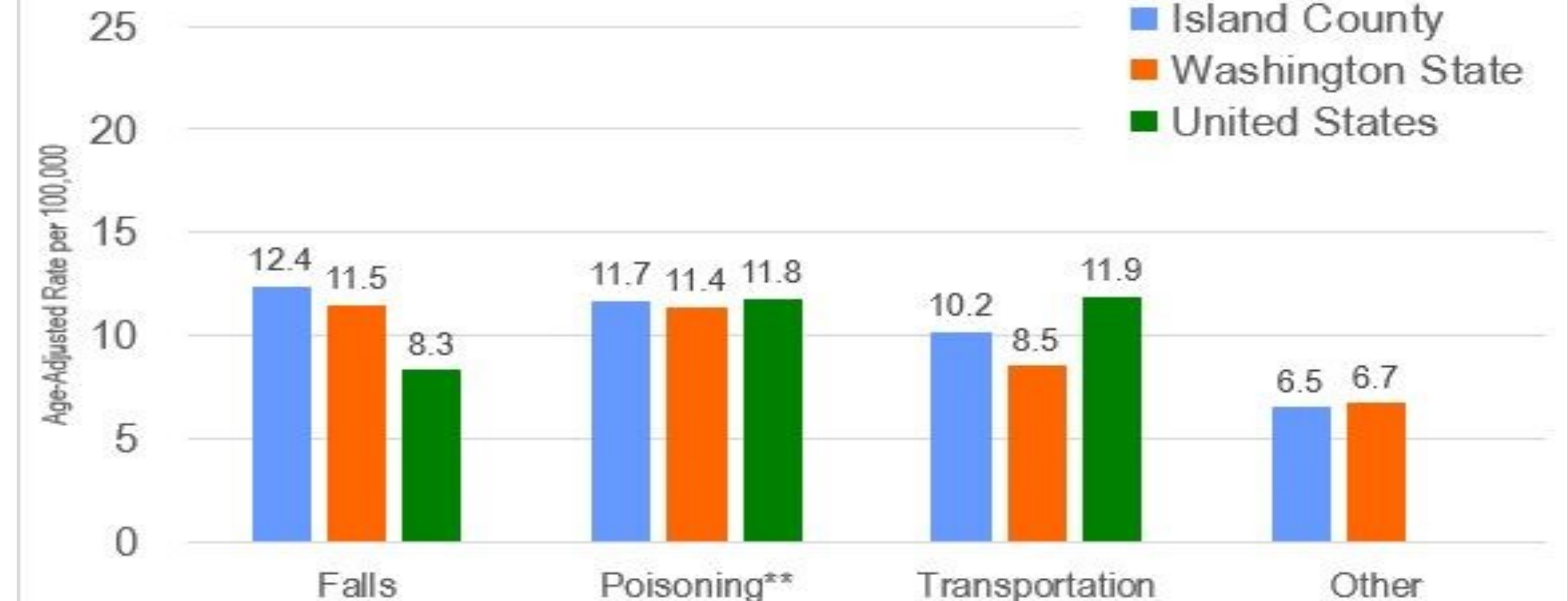
*Rate = Per 100,000 Total Population; Crude Rate is defined as the number of hospitalizations occurring among the population during a given year, per 100,000 total population. Age-Adjusted Rate is an adjusted rate that weights the crude rate of a population to the U.S. 2000 Standard Population. It is a statistical tool to compare between groups with different age distributions. Source: Washington State Department of Health, Center for Health Statistics, Death Certificate Data, 1990-2014, August 2015.

Island County Leading Causes of Death



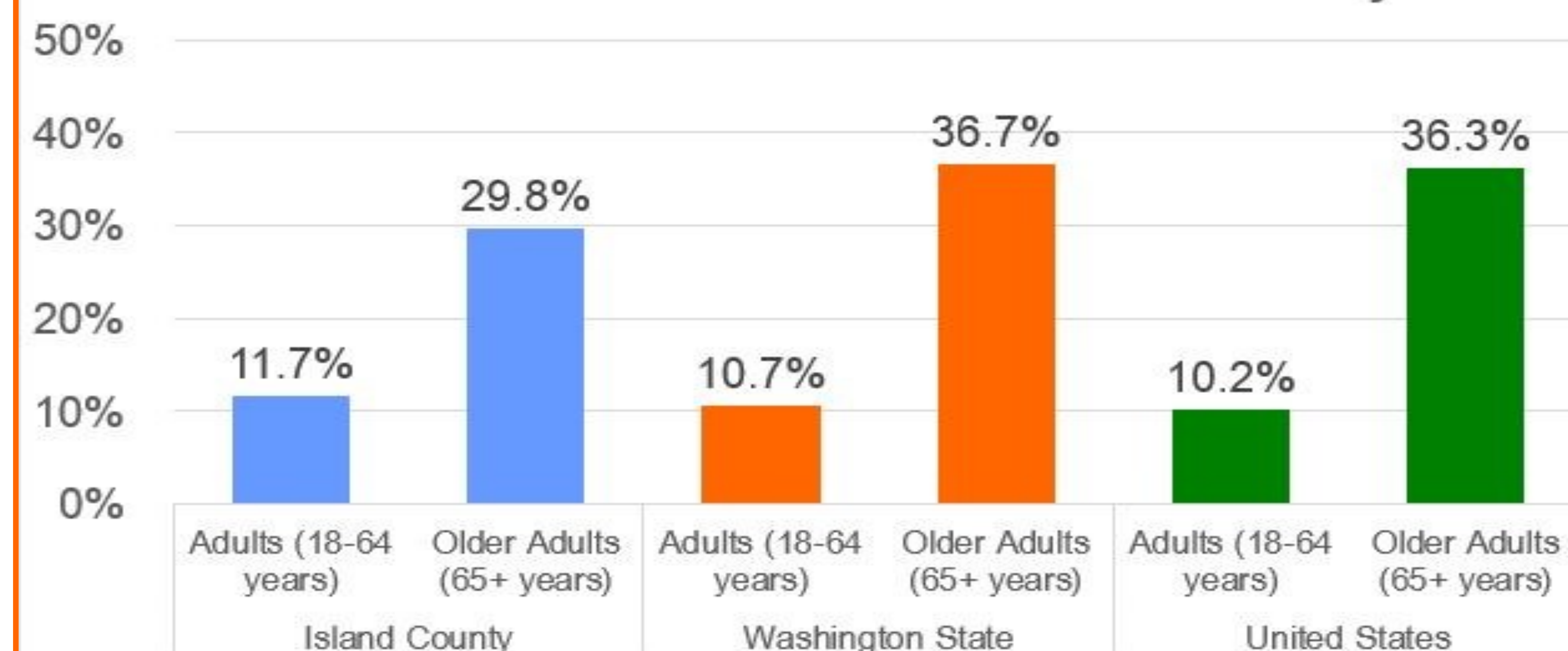
2013-2014 Leading Causes of Death by Crude Rate. *Poisoning - includes drug overdose. Source: Washington State Department of Health, Center for Health Statistics, Death Certificate Data, 1990-2014, August 2015.

Accident Death Rate*



*Rate = Age-Adjusted Rate. Age-Adjusted Rate weights the crude rate of a population to the U.S. 2000 Standard Population. It is a statistical tool to compare between groups with different age distributions. **Poisoning includes exposure to alcohol and drugs. Source: Washington State Department of Health, Center for Health Statistics, Death Certificate Data, 1990-2014, August 2015. Centers for Disease Control and Prevention, National Center for Health Statistics, Underlying Cause of Death 1999-2014 on CDC WONDER Online Database, released 2015. Data are from the Multiple Cause of Death Files, 1999-2014, as compiled from data provided by the 57 vital statistics jurisdictions through the Vital Statistics Cooperative Program.

Adults and Older Adults with a Disability*



*Under the conceptual framework of disability described by the Institute of Medicine (IOM) and the International Classification of Functioning, Disability, and Health (ICF), disability is defined as the product of interactions among individuals' bodies; their physical, emotional, and mental health; and the physical and social environment in which they live, work, or play. Source: U.S. Census Bureau, 2011-2013 American Community Survey 3-Year Estimates.

Adults Limited in Usual Activities Due to Arthritis or Joint Symptoms



Source: Behavioral Risk Factor Surveillance Survey, Washington State Department of Health Center for Health Statistics, 2011-2013.



MENTAL HEALTH

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OTHER DATA SOURCES

HEALTH INDICATOR DATA



Mental Health Care

Question	Rank	%
Quality of a Healthy Community	#16	5%
Most Common Daily Challenge for Respondents and Family	#14	8%
Health Priority for Island County	#1	28%
Respondents with low income	#5	18%

Theme 1: Limited availability of mental health care providers—those that accept publicly-funded insurance and/or are able to prescribe medications—is a barrier to care.

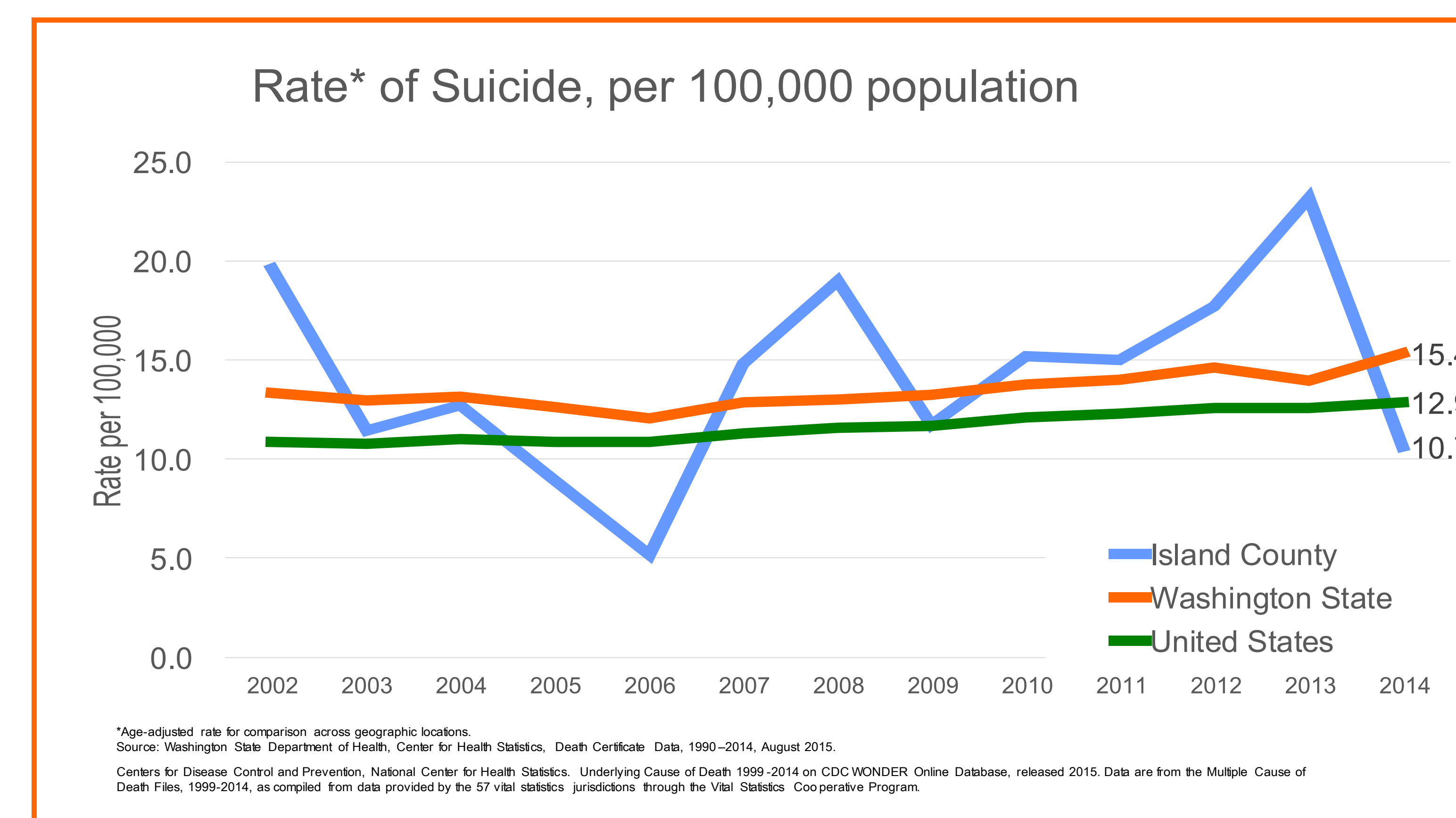
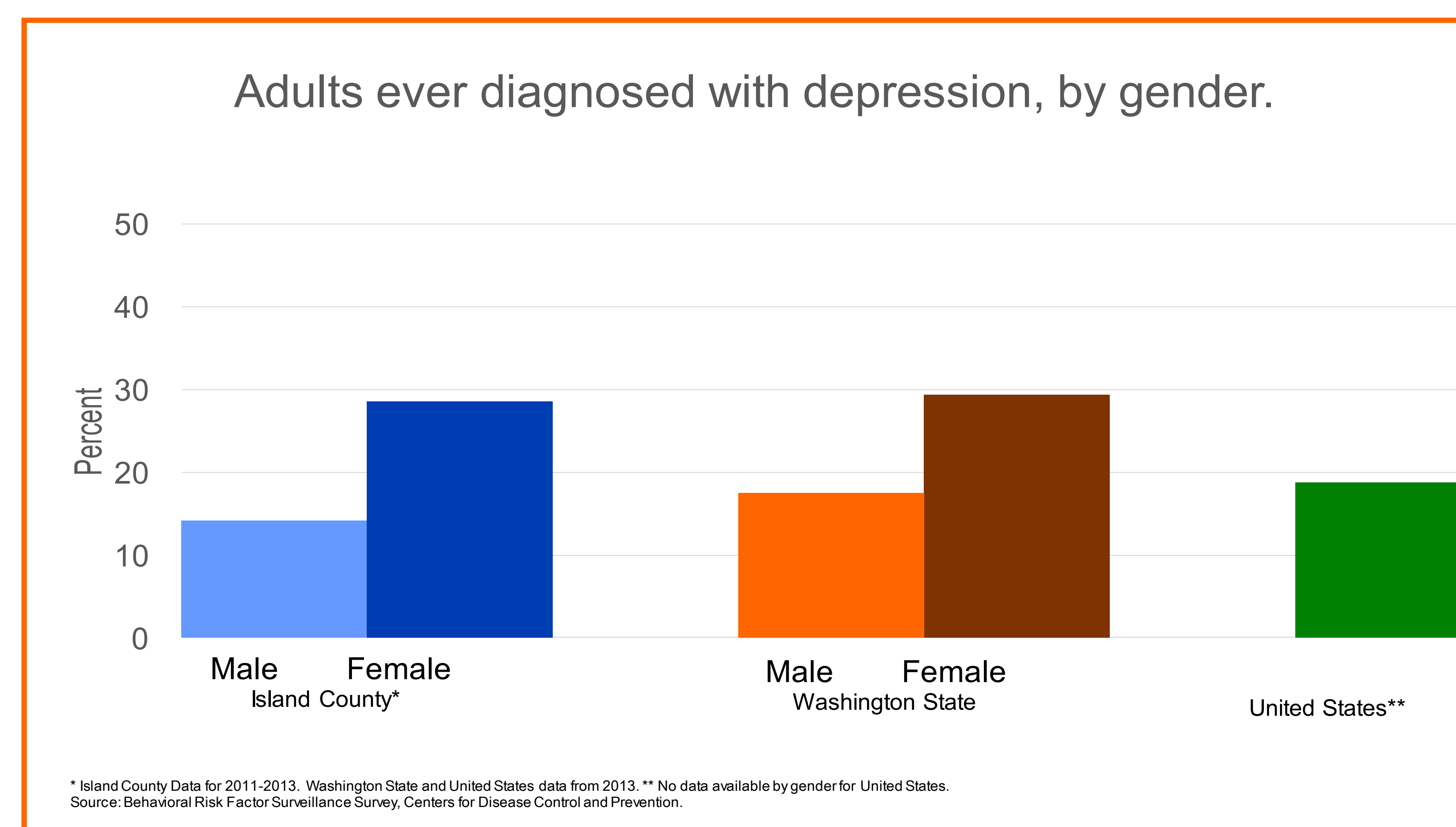
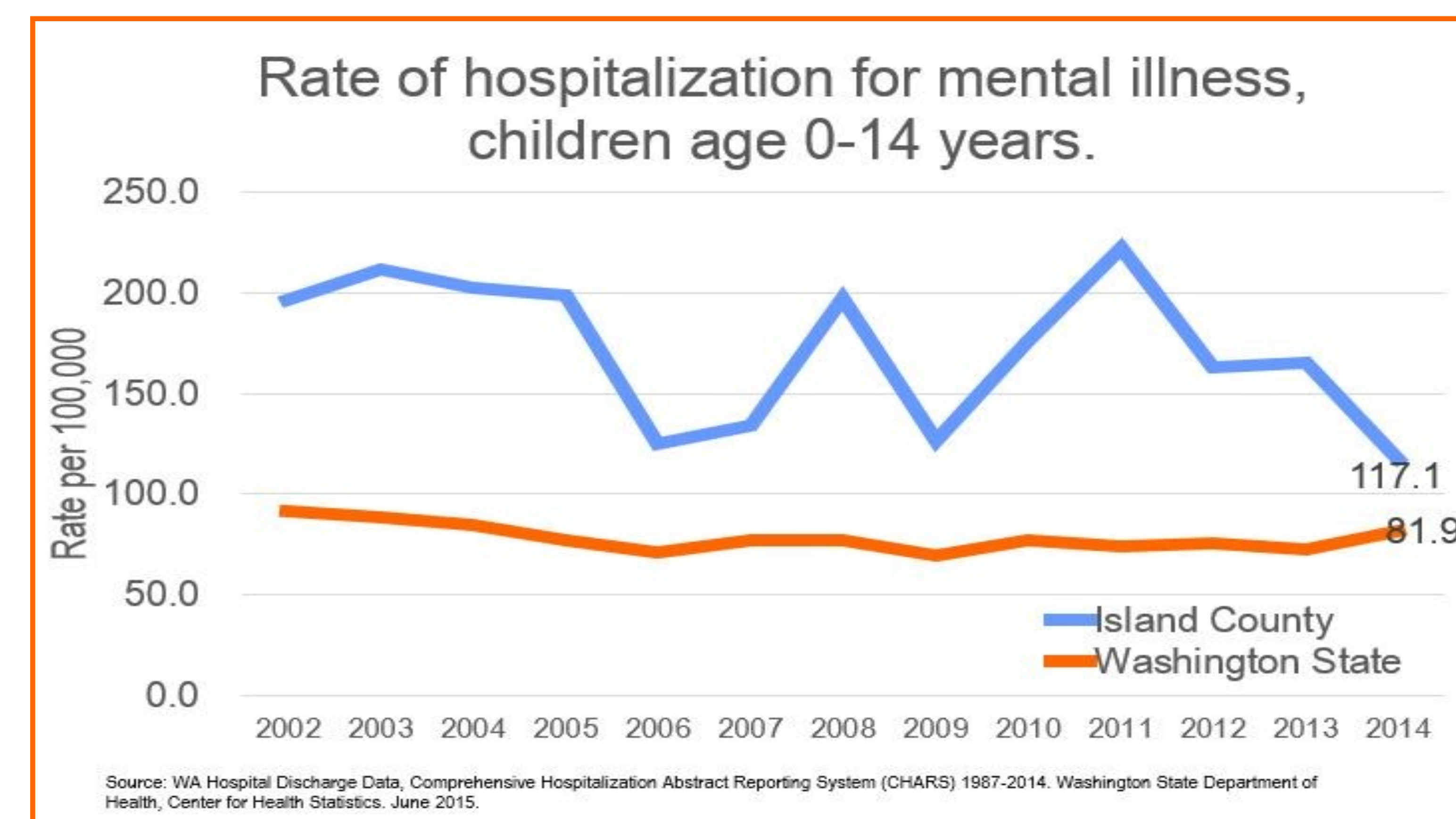
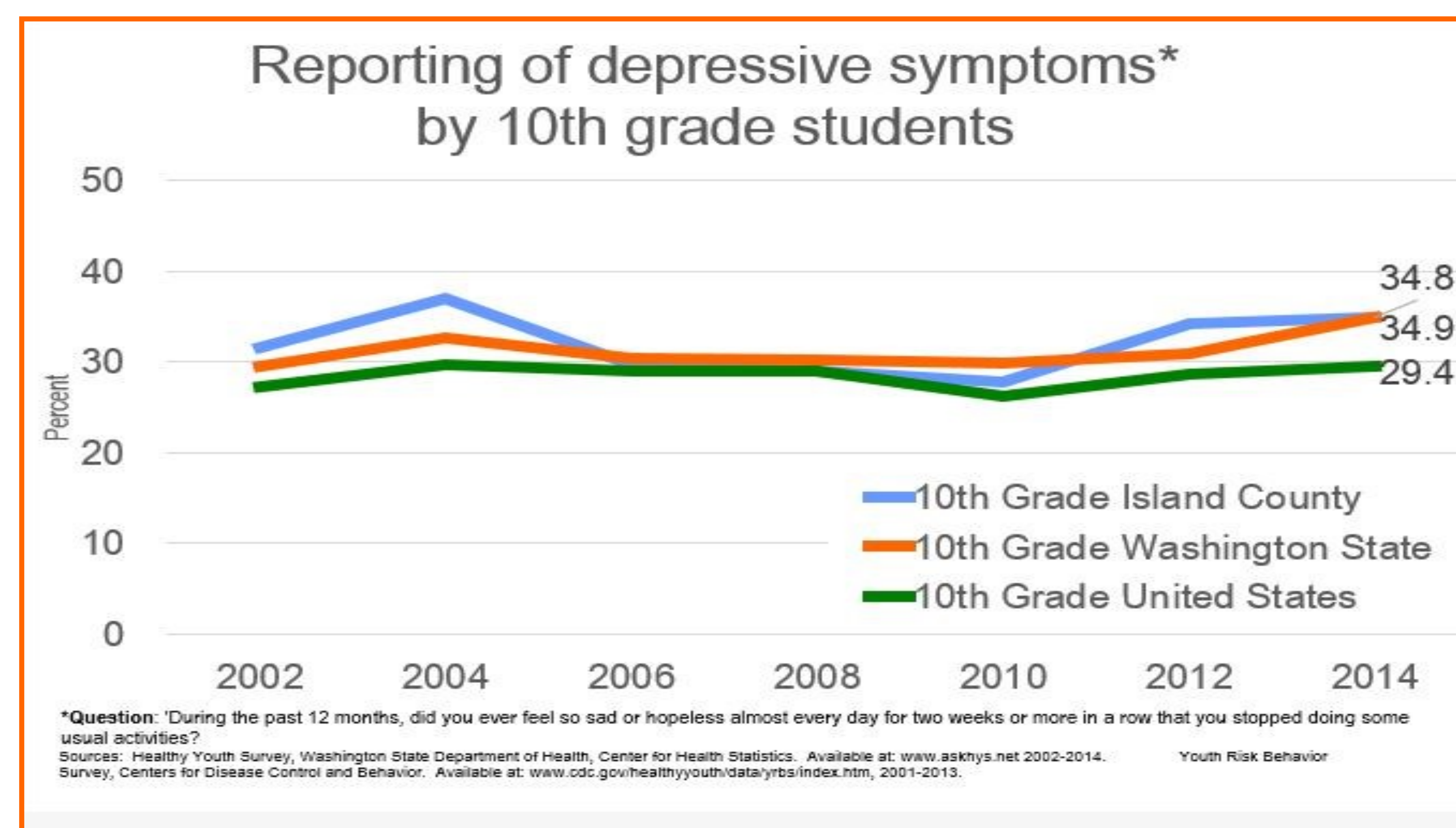
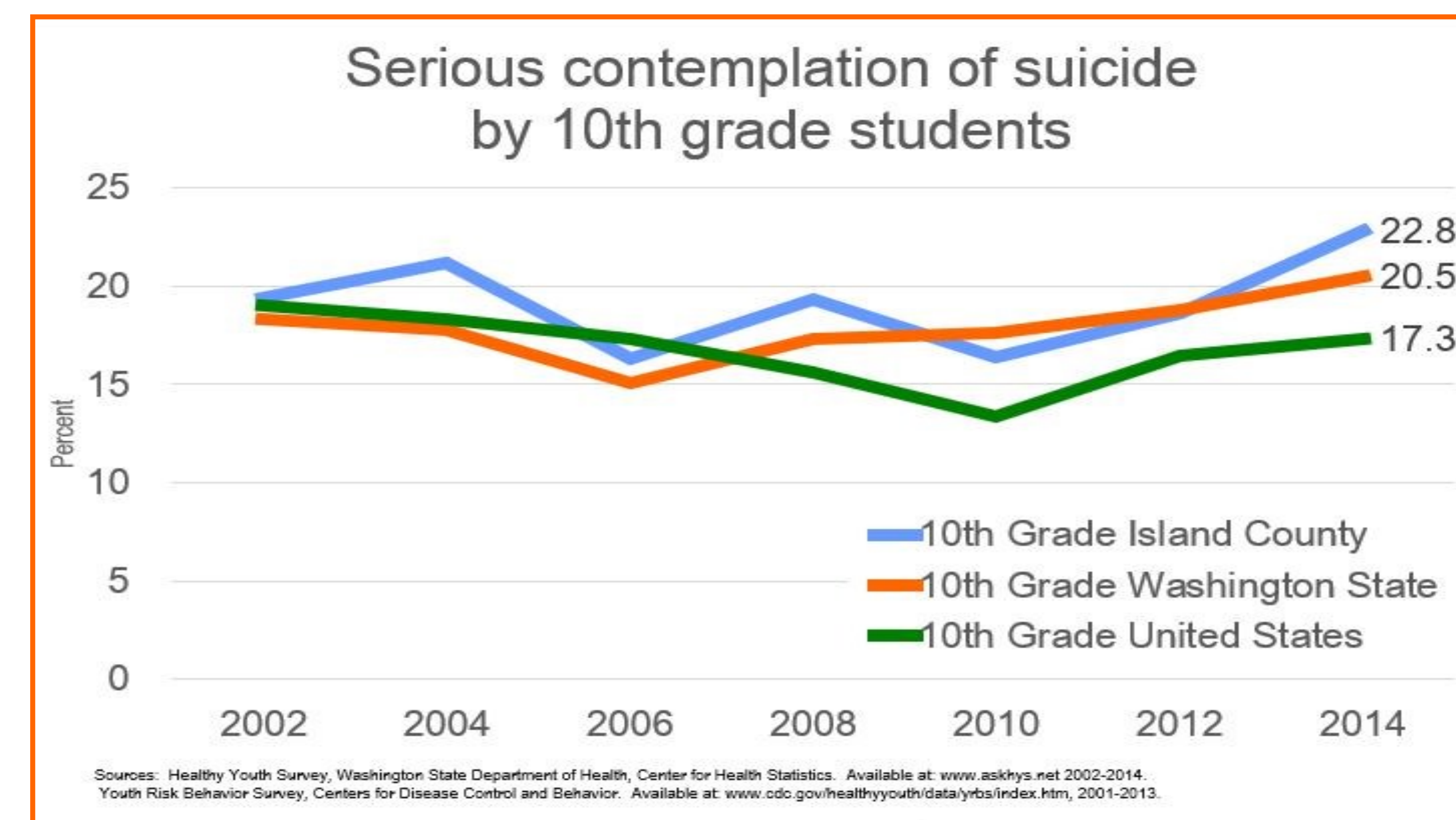
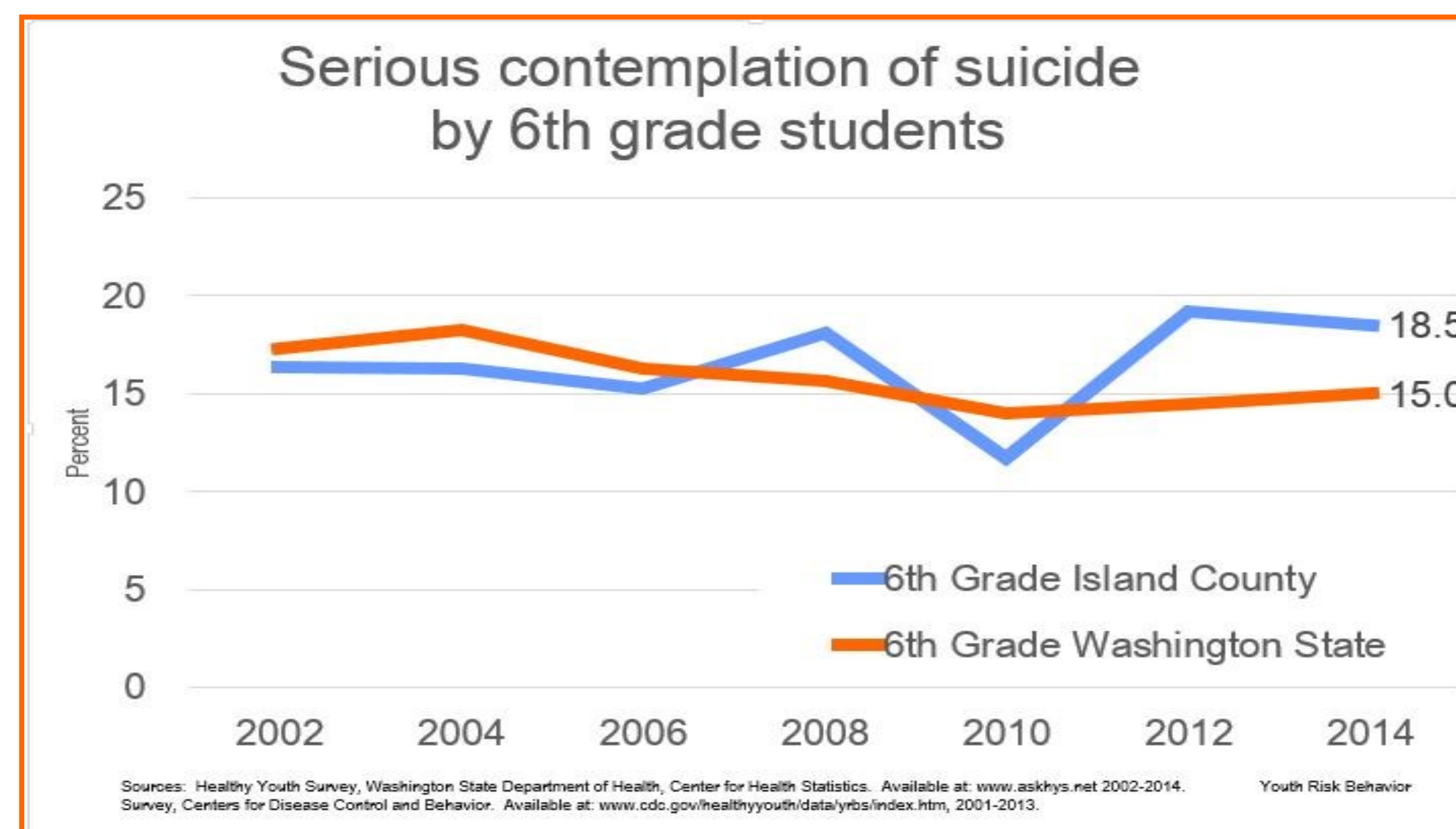
Theme 2: Existing community services are often not able to provide support for clients also experiencing mental illness.

Theme 3: Early childhood, youth and school-based programs are important prevention

55% of respondents* said the most common reason for not receiving mental health care was cost.*

(Includes Whatcom, Island, and San Juan residents)

33% of Island County respondents said mental health/counseling was “extremely important” to their household. 17% said these services were “very hard to get.”





NUTRITION & PHYSICAL ACTIVITY

Island County Community Health Planning
2015 Community Health Assessment

OTHER DATA SOURCES

HEALTH INDICATOR DATA

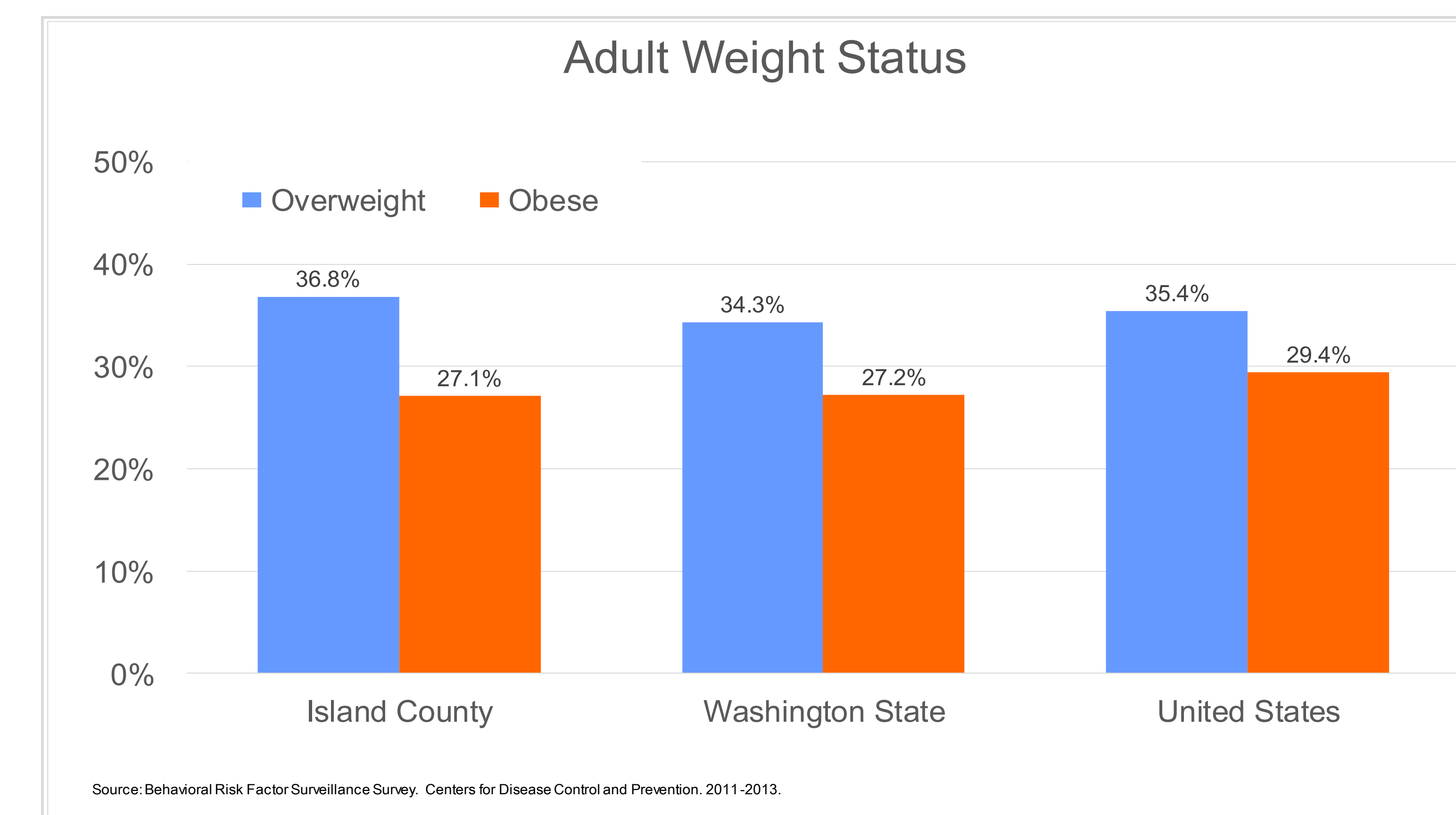
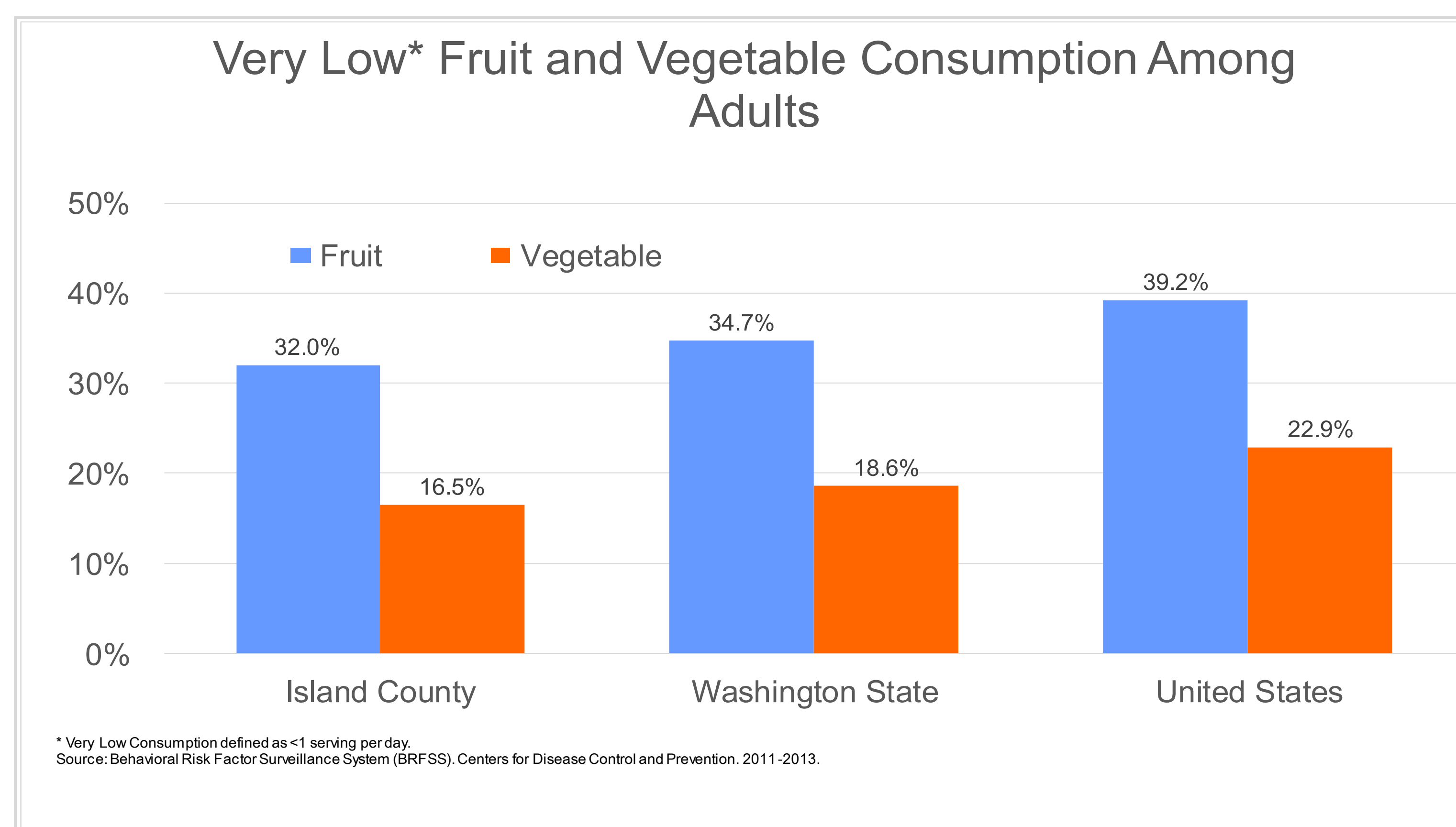
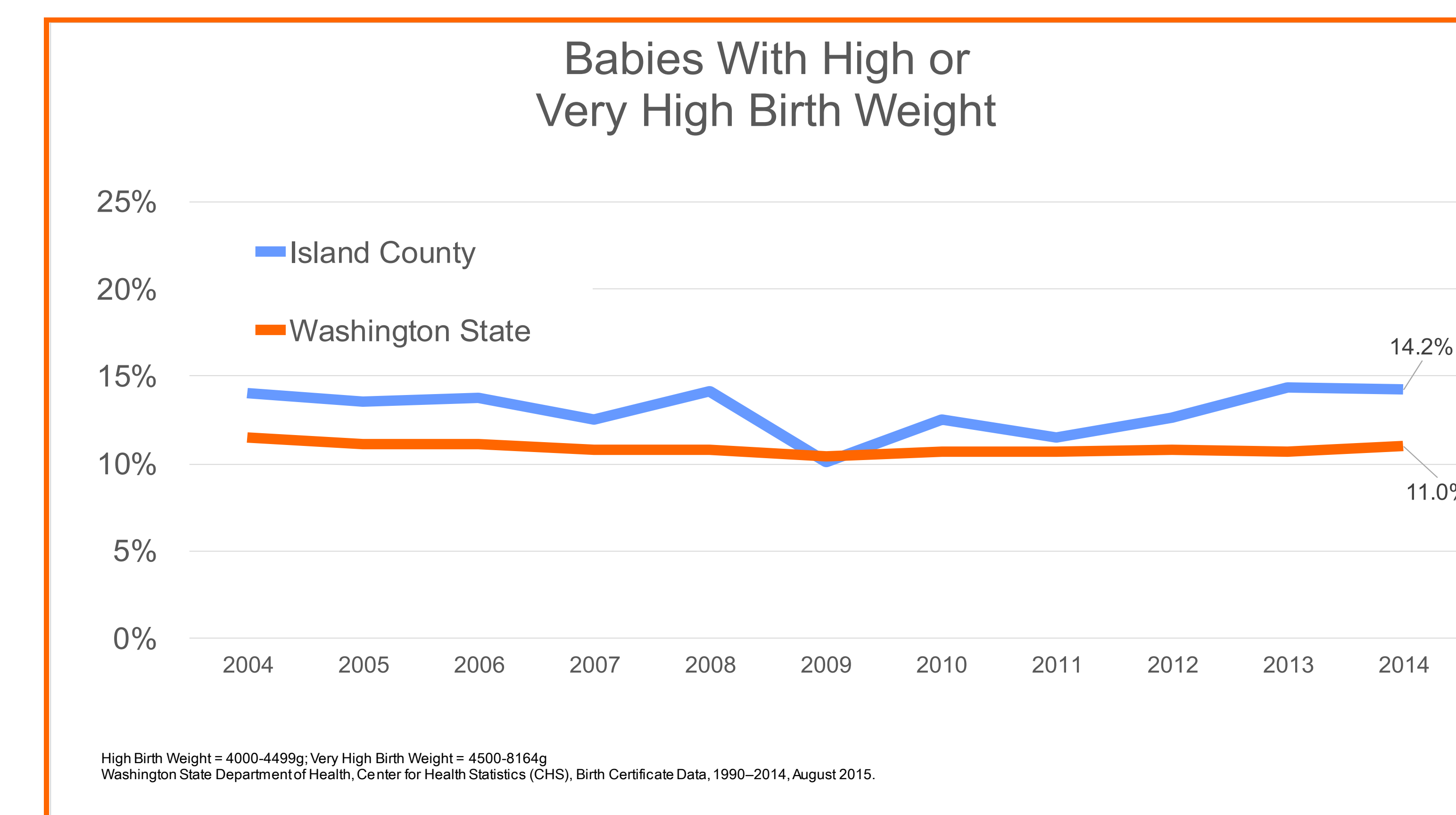
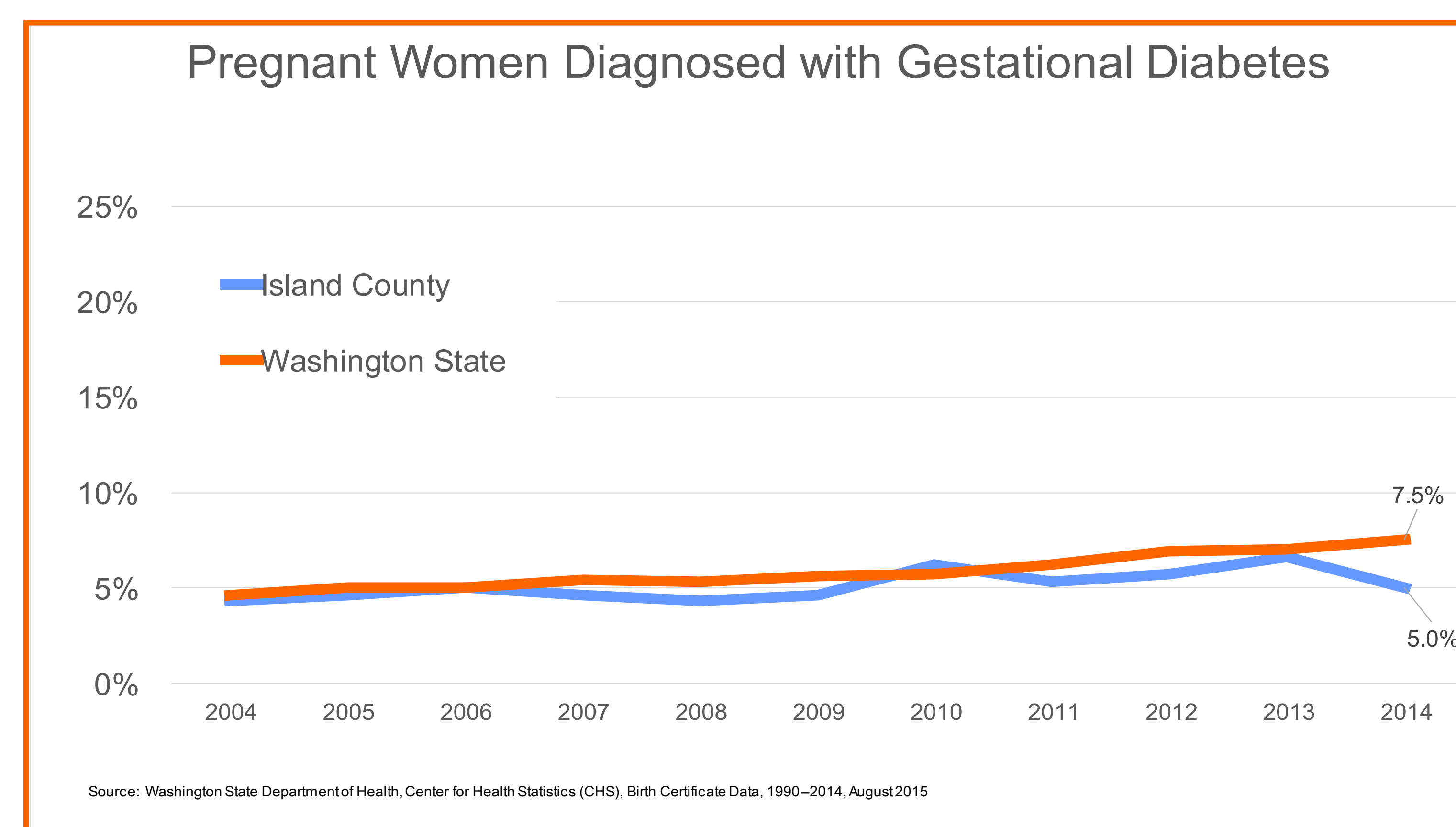
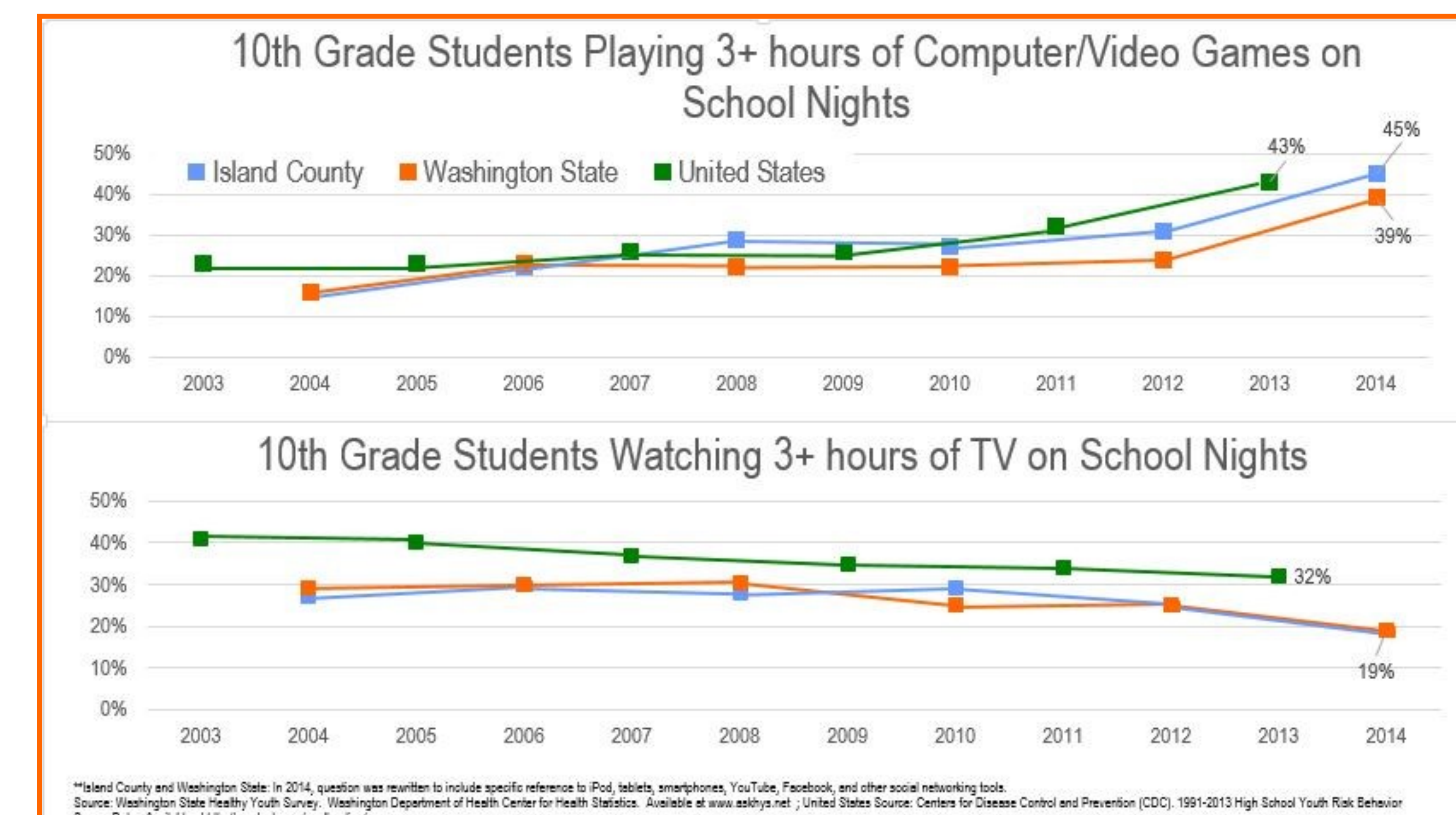
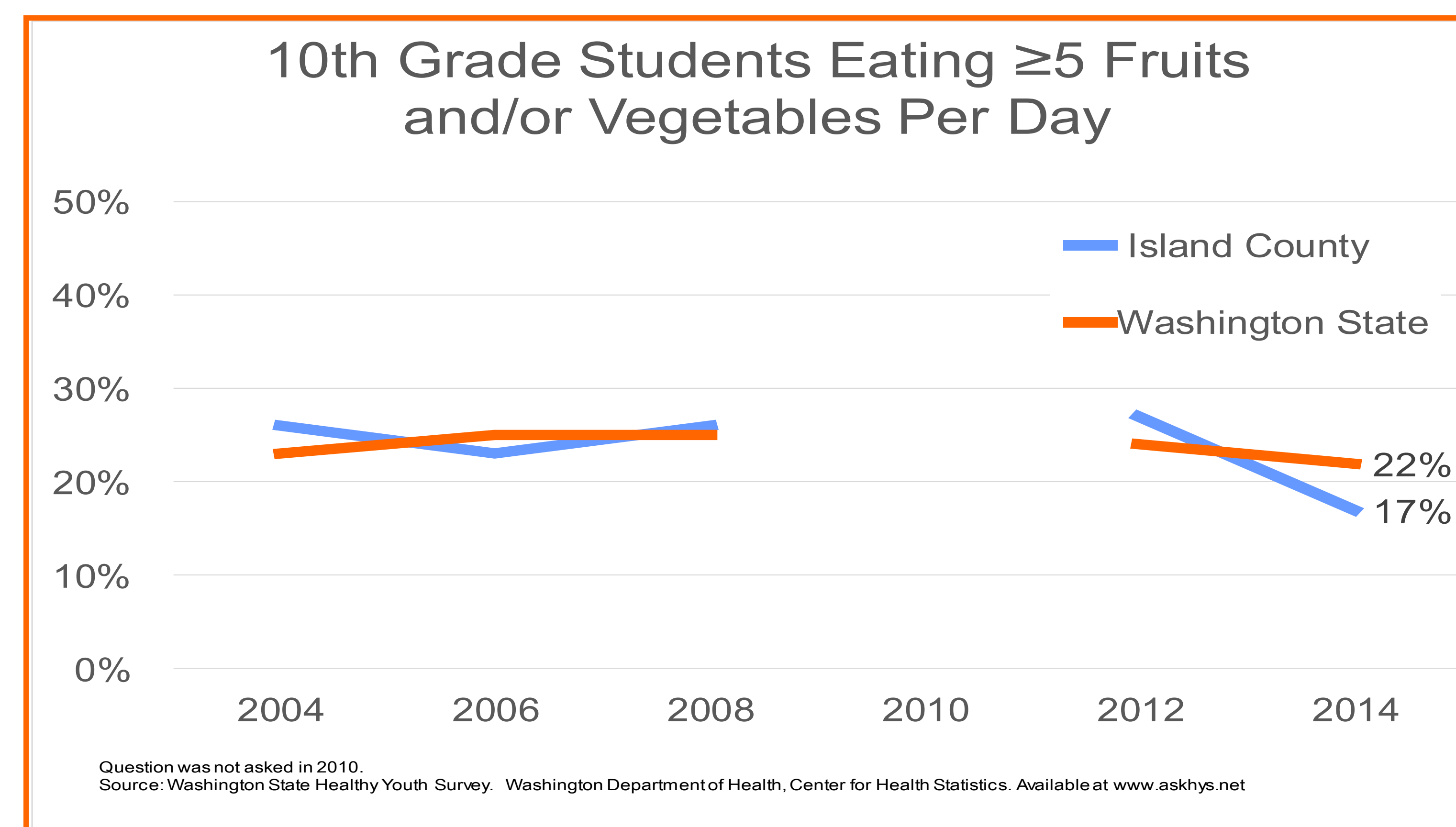


Food and Nutrition

Question	Rank	%
Quality of a Healthy Community	#5	17%
Most Common Daily Challenge for Respondents and Family		
Time or knowledge to prepare healthy foods	#9	11%
Adults age 14-44 years	#7	16%
Access to healthy food options	#10	10%
Respondents age 14-44 years	#6	19%
Respondents with children 0-5 years	#6	18%
Having enough food (food security)	#22	4%
Respondents age 14-44 years	#7	17%
Health Priority for Island County		
Access to healthy food options	#12	11%
Respondents age 14-44 years	#6	17%

Recreation

Question	Rank	%
Quality of a Healthy Community	#4	32%
Most Common Daily Challenge for Respondents and Family		
Time or knowledge to exercise	#3	22%
Respondents age 45-64 years	#2	26%
Respondents with children 0-5 years	#1	28%
Access to exercise or recreation opportunities	#5	18%
Respondents age 14-44 years	#2	29%
Respondents with children 0-5 years	#1	32%
Health Priority for Island County		
Access to exercise or recreation opportunities	#8	13%
Respondents age 14-44 years	#4	20%
Respondents with low incomes	#6	16%



Theme 1: Hunger—among kids, adults, and older adults—impacts an individual's capacity to succeed. No one should go hungry in this community.

Theme 2: Increased availability of emergency food assistance (soup kitchens, hot meals) is an immediate need. Transportation is a factor in accessing existing programs. Community organizations and groups do not feel able to meet the existing need.

Theme 3: Individuals with little or no access to

55% of Island County respondents said that food assistance was “extremely important” to their families. 6% said that food assistance was “very hard to get”.





SUBSTANCE ABUSE

Island County Community Health Planning
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OTHER DATA SOURCES

HEALTH INDICATOR DATA



Substance Abuse Prevention/Treatment

Question	Rank	%
Quality of a Healthy Community	#18	3%
Most Common Daily Challenge for Respondents and Family	#18	6%
Respondents with low income	#10	3%
Respondents with children age 19+ years	#5	16%
Health Priority for Island County	#4	20%
Respondents age 45-64 years	#2	24%



Theme 1: Substance abuse impacts the effectiveness of housing and mental health services and must be addressed simultaneously.

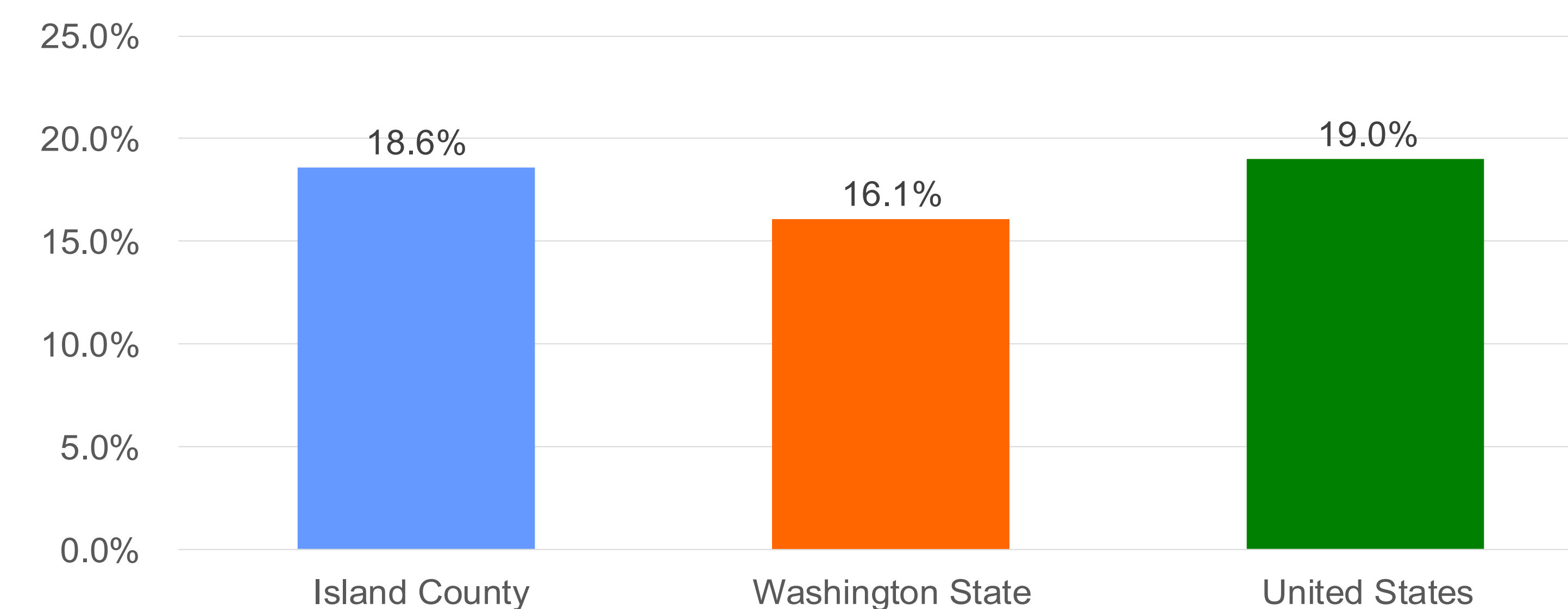
Theme 2: Youth prevention and treatment programs are important services. Activities for youth are seen as important diversions for substance



13% of Island County respondents said substance abuse treatment was “extremely important” to their household.

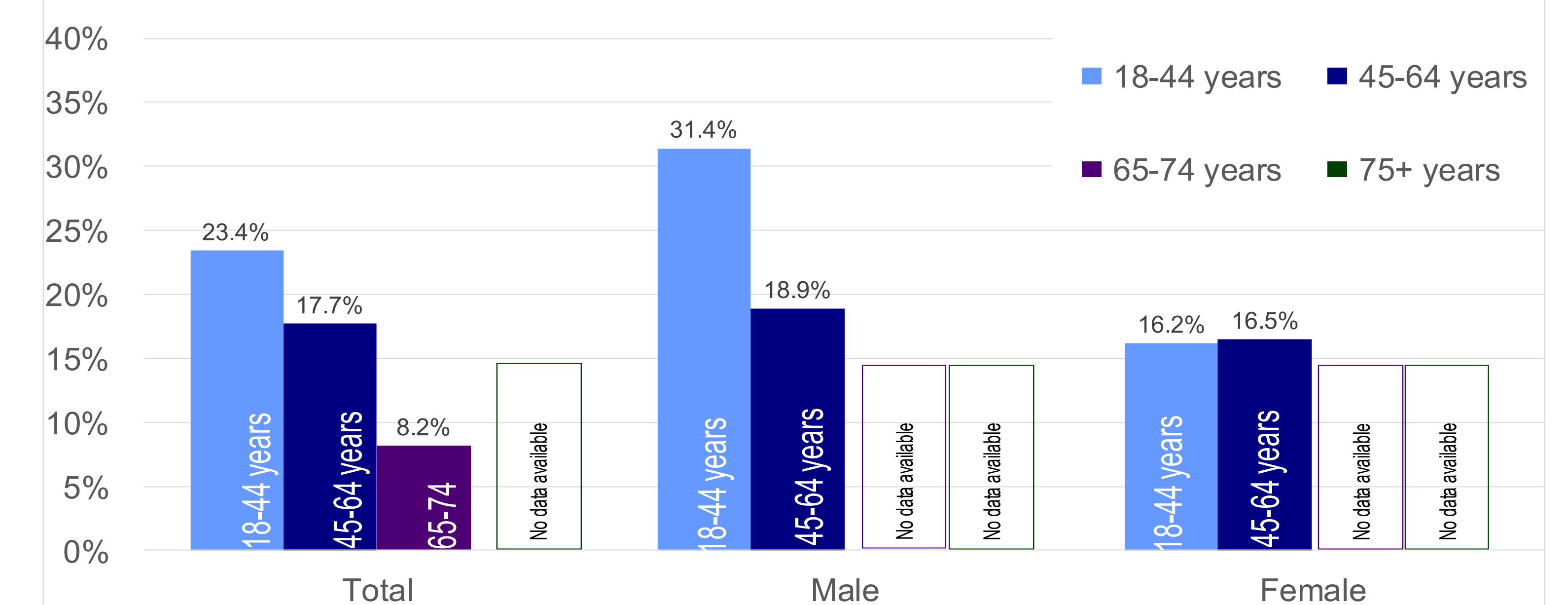
20% said these services were “very hard to get.”

Current Adult Cigarette Use



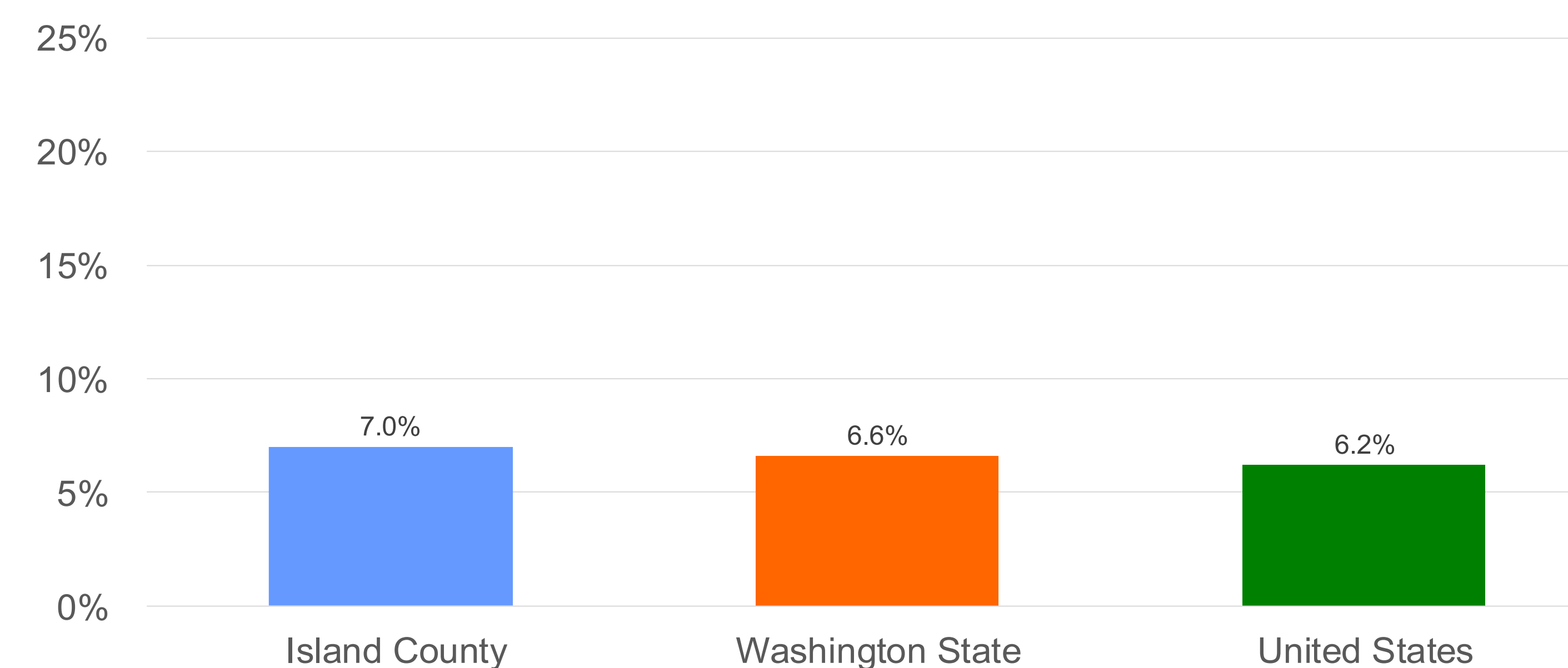
Source: Behavioral Risk Factor Surveillance Survey, 2011-2013. Washington State Center for Health Statistics and Centers for Disease Control and Prevention.

Island County Adult Cigarette Use By Age and Sex



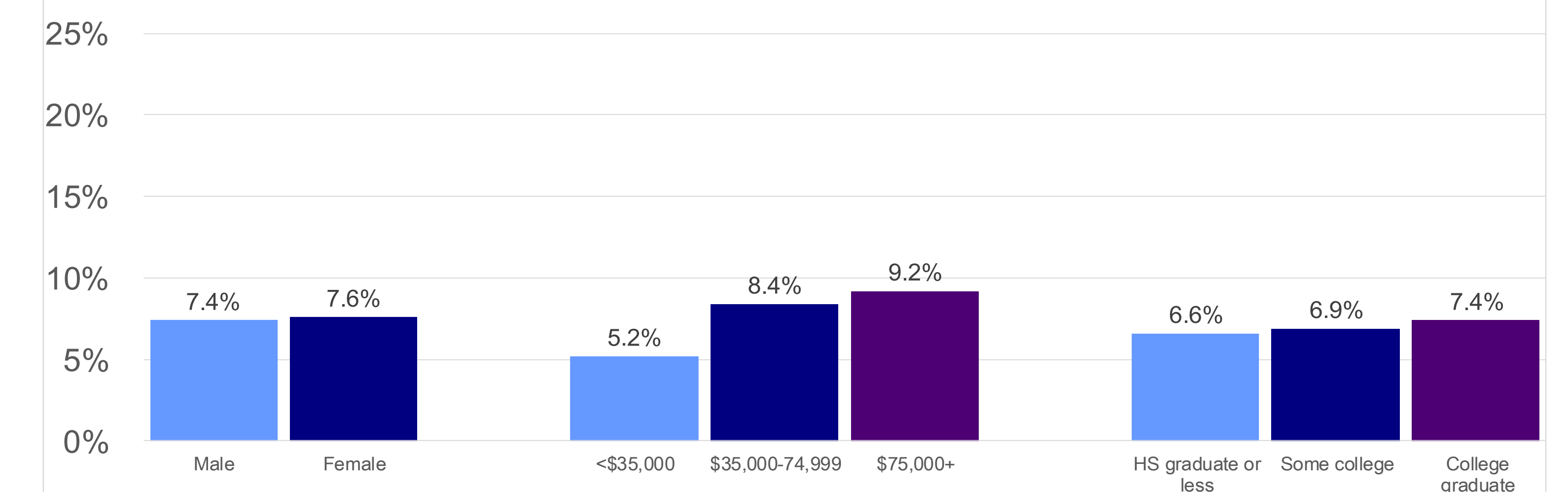
Source: Behavioral Risk Factor Surveillance Survey, 2011-2013. Washington State Center for Health Statistics and Centers for Disease Control and Prevention.

Adult Heavy Drinking*



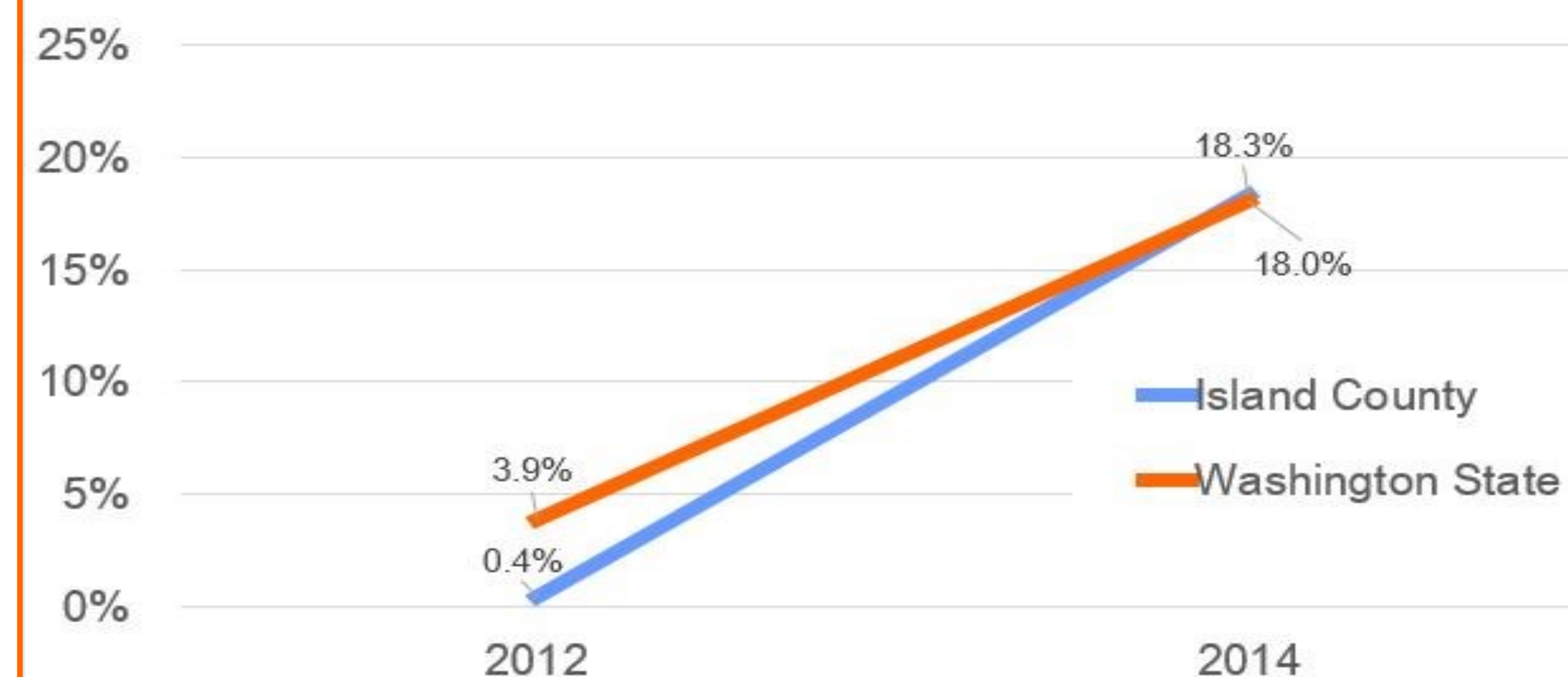
* "Heavy Drinking" definition: Men = 2 or more drinks per day; Women = 1 or more drinks per day
Source: Behavioral Risk Factor Surveillance System. Washington State Center for Health Statistics. 2011-2013.

Island County Adult Heavy Drinking* By Sex, Income, and Education



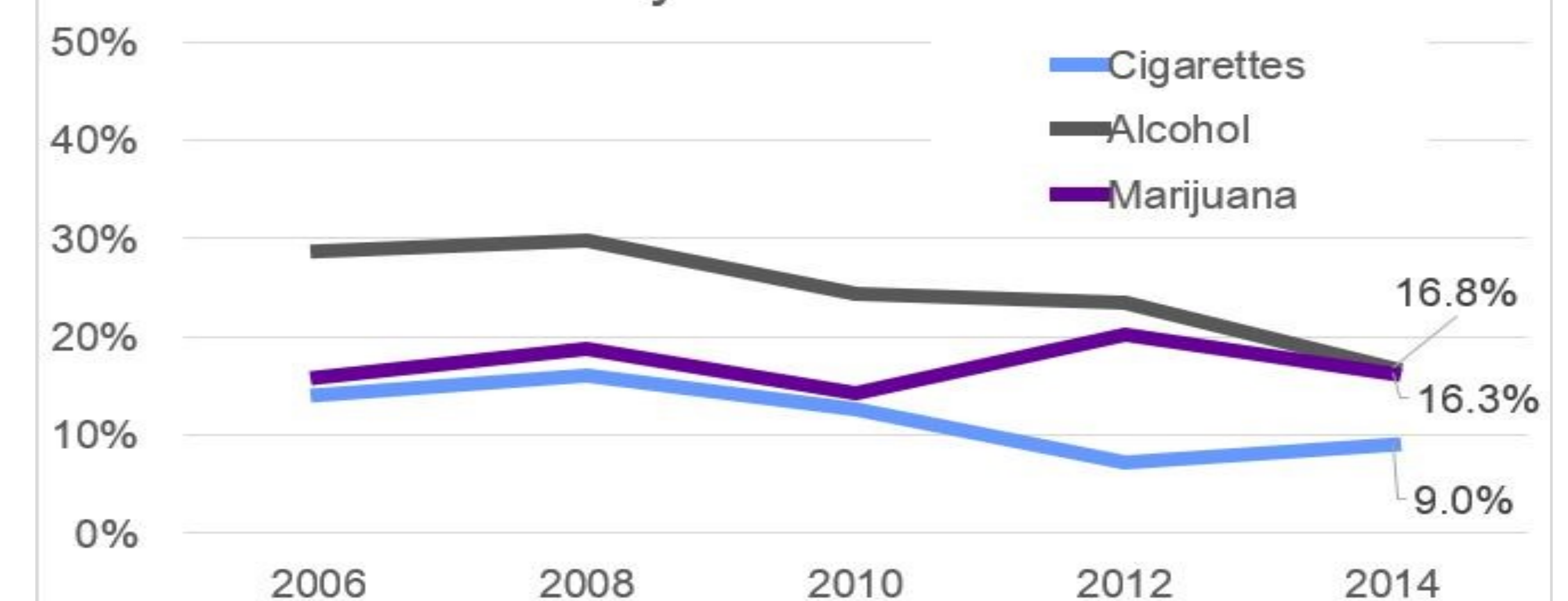
* "Heavy Drinking" definition: Men = 2 or more drinks per day; Women = 1 or more drinks per day
Source: Behavioral Risk Factor Surveillance System. Washington State Center for Health Statistics. 2011-2013.

E-Cigarette Use by 10th Grade Students



Source: Washington State Healthy Youth Survey. Washington State Center for Health Statistics. 2012-2014. Available at: www.askhys.net

Cigarette, Alcohol and Marijuana Use by Island County 10th Grade Students



Use = Within past 30 days of survey.
Source: Washington State Healthy Youth Survey. Washington Department of Health Center for Health Statistics. Available at: www.askhys.net



VIOLENCE

OTHER DATA SOURCES

HEALTH INDICATOR DATA



Safety and Violence

Question	Rank	%
Quality of a Healthy Community	#7	14%
Most Common Daily Challenge for Respondents and Family	#13	8%
Health Priority for Island County		
Crime and violence prevention	#11	2%
Adults age 65+ years	#9	14%
Camano Island residents	#3	28%
Domestic violence prevention	#24	4%



Theme 1: Island County is perceived as a safe place to raise children. Community connections—such as knowing neighbors and community members—is an important factor.

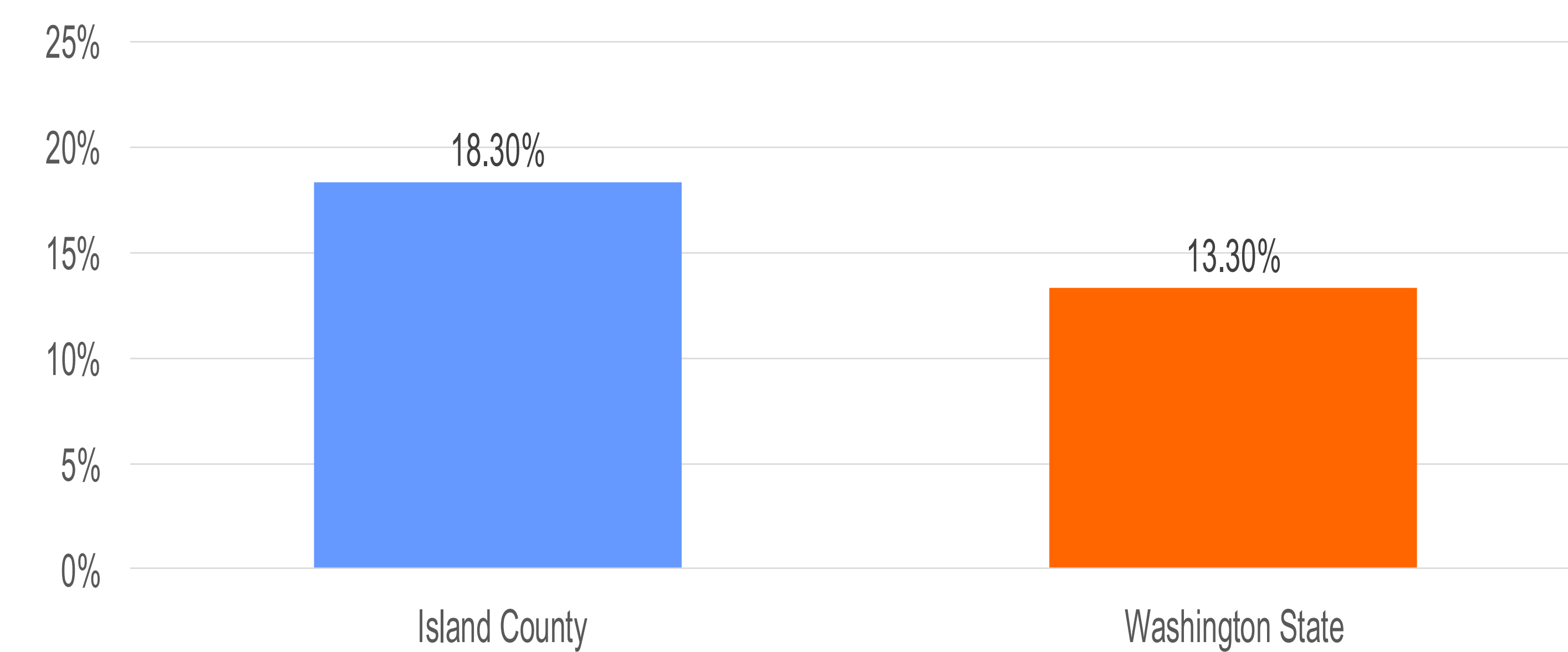
Theme 2: An aging population will impact future law enforcement needs. Domestic violence among older adults is an area of



16% of Island County respondents said domestic violence services were “extremely important” to their families.

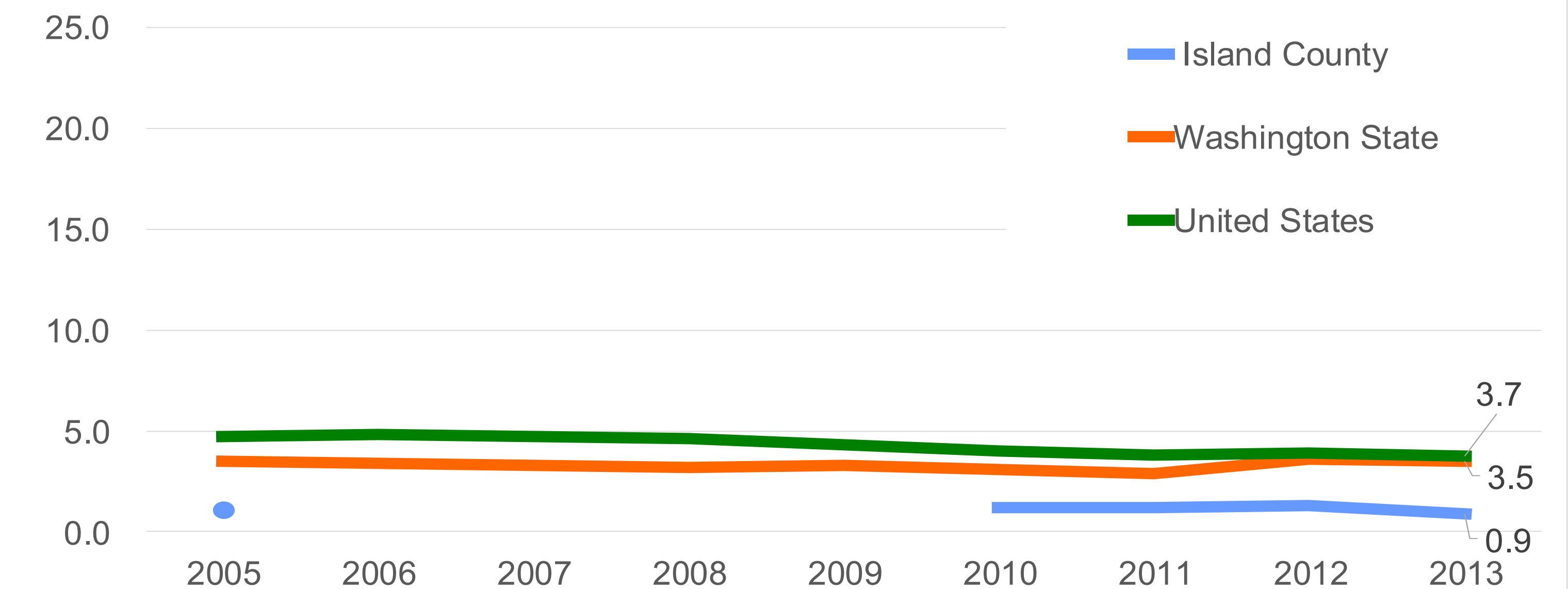
21% of Island County respondents said that domestic violence services were “very hard to get.”

Percent of Crimes* Involving Domestic Violence



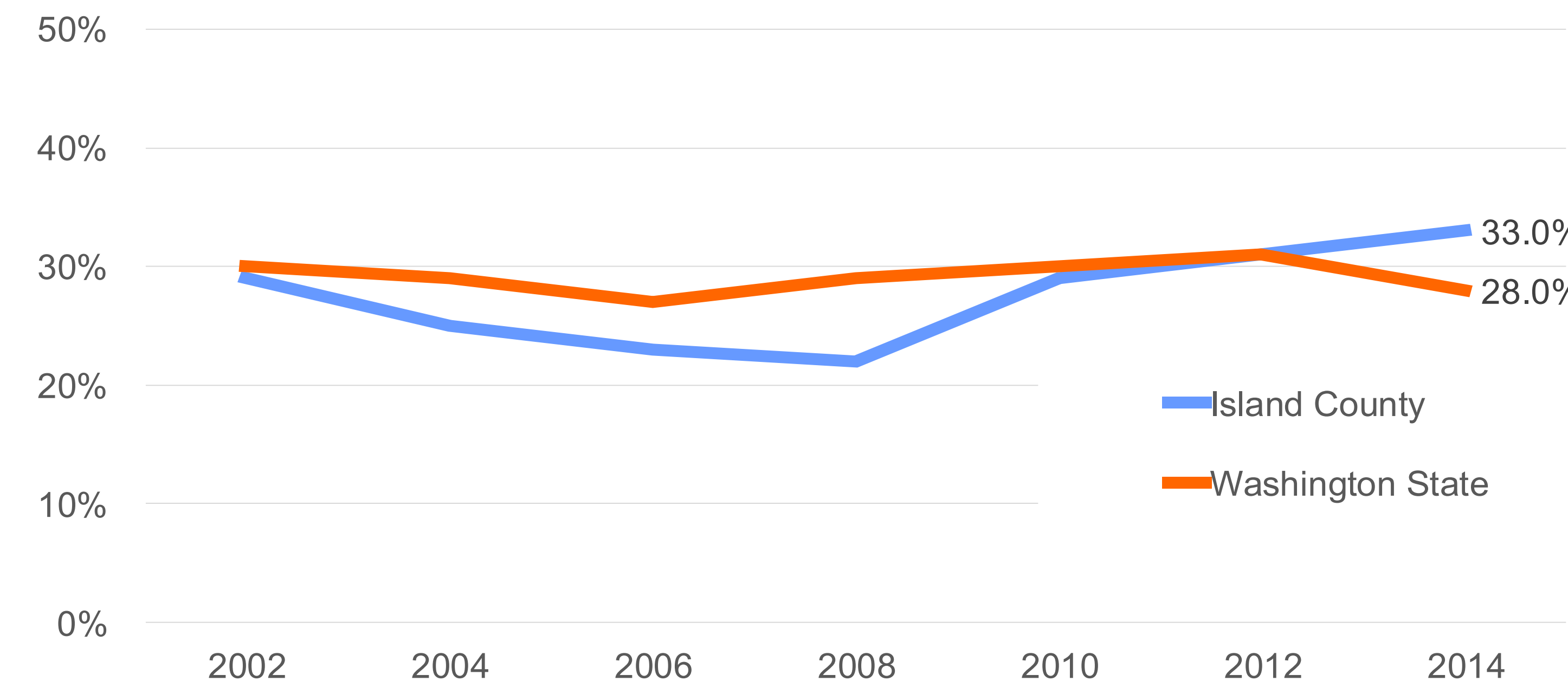
*Crimes include murder, manslaughter, forcible rape, forcible sodomy, sexual assault with object, forcible fondling, aggravated assault, simple assault, intimidation, kidnapping, incest, statutory rape, human trafficking, violation of no contact/protection, robbery, burglary, larceny, motor vehicle theft, arson. Source: Washington Association of Sheriffs and Police Chiefs, 2012-2013.

Violent Crime Rate per 1000 Total Population



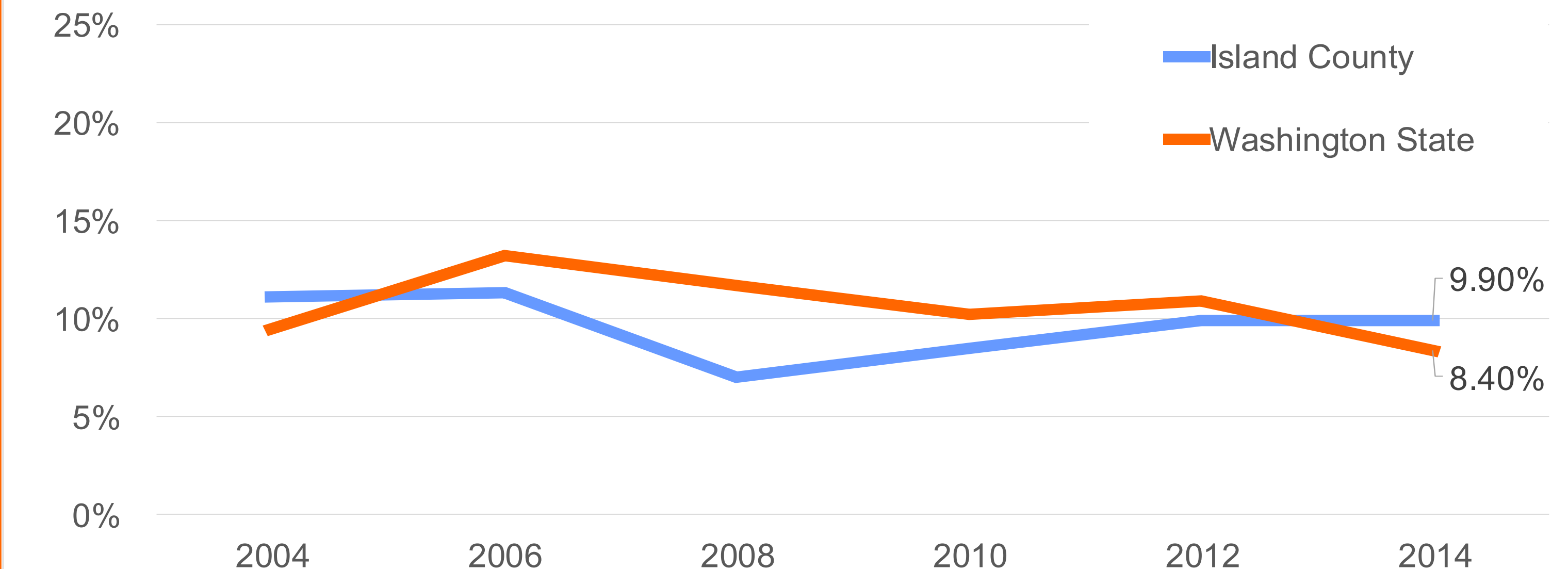
Source: Washington State Association of Sheriffs and Police Chiefs, <http://www.waspc.org/assets/CJIS/crime%20in%20Washington%202013.pdf>
Federal Bureau of Investigation, http://www.fbi.gov/about-us/cjis/ucr/crime-in-the-u.s/2013/crime-in-the-u.s.-2013/violent-crime/violent-crime-topics/violent-crime-main_final
* Island County data not available for 2006-2009 due to incomplete reporting by all jurisdictions.

8th Grade Students Bullied in the Past 30 Days



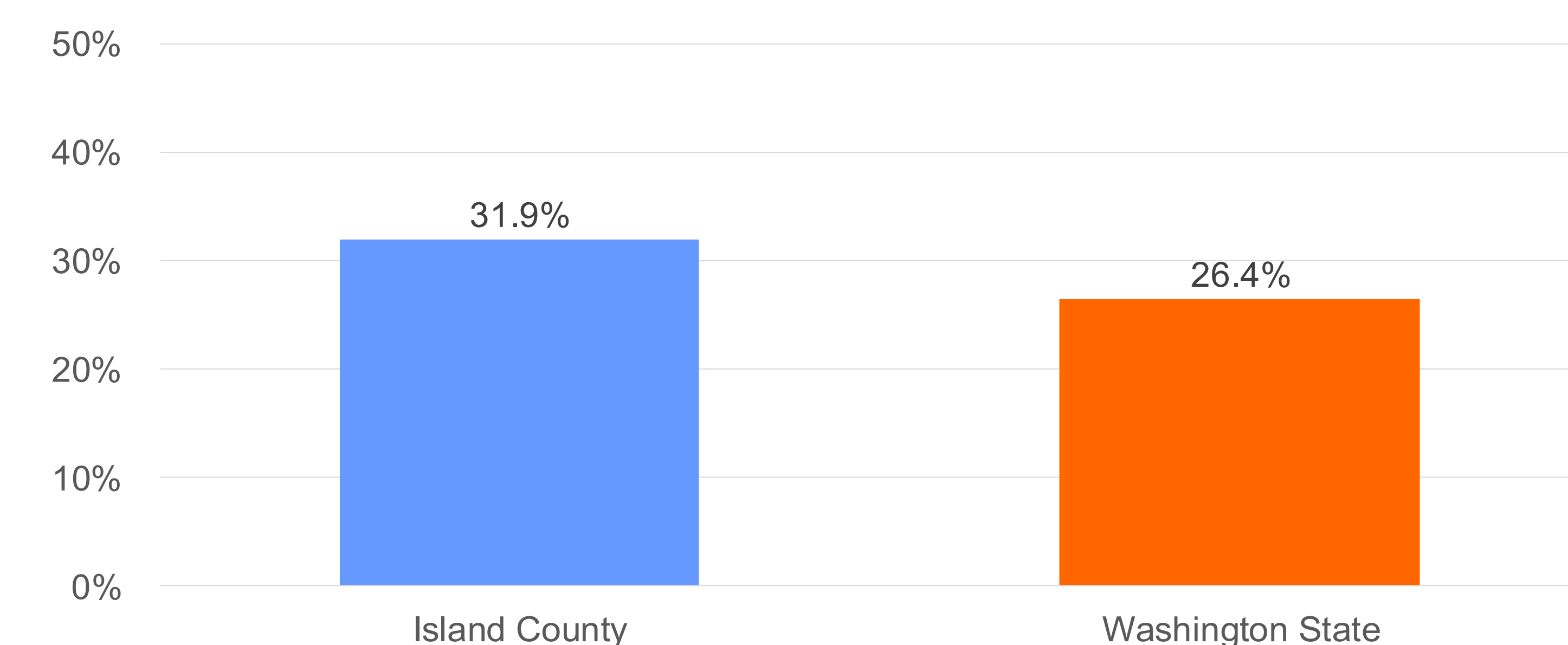
Source: Washington State Healthy Youth Survey. Washington Center for Health Statistics, 2002-2014. Available at www.askhys.net

12th Grade Students Made To Feel Unsafe by Someone They Were Dating in the Past Year*



Question 2002-2012: During the past 12 months, did your boyfriend or girlfriend ever limit your activities, threaten you, or make you feel unsafe in any other way?
Question 2014: During the past 12 months, did someone you were dating or going out with ever limit your activities, threaten you, or make you feel unsafe in any other way?
Source: Washington State Healthy Youth Survey, 2004-2014. Washington State Department of Health, Center for Health Statistics.

10th Grade Students Ever Physically Hurt On Purpose By An Adult



Question: Has an adult ever physically hurt you on purpose (like pushed, slapped, hit, kicked or punched you), leaving a mark, bruise or injury?
* No historical data available due to a significant change in the question language.
Source: Washington State Healthy Youth Survey. Washington Department of Health Center for Health Statistics.